

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081622\
 Data File : BM036307.D
 Acq On : 16 Aug 2022 19:16
 Operator : CG/JU
 Sample : N4173-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX7P4MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/17/2022
 Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 17 02:31:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	206250	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	884487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	520563	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	1024556	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	962240	20.000	ng/u1	0.00
88) Perylene-d12	23.703	264	994551	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	24863	4.594	ng/uL	0.00
4) Pyridine-d5	3.640	84	169104	11.331	ng/u1	0.00
7) Phenol-d5	6.987	99	473929	26.920	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	303897	27.424	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	389726	28.175	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	348280	26.495	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	197803	29.496	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	199146	29.277	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	367757	30.257	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	481416	25.550	ng/u1	0.00
46) Dimethylphthalate-d6	13.868	166	1077490	32.717	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1267603	30.860	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	204523	32.775	ng/u1	0.00
60) Fluorene-d10	15.439	176	983893	33.062	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	171653	32.588	ng/u1	0.00
73) Anthracene-d10	17.292	188	1571632	34.498	ng/u1	0.00
81) Pyrene-d10	19.580	212	1802022	36.102	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	1769652	36.291	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	60504	10.614	ng/uL	96
5) Pyridine	3.657	79	226673	14.703	ng/u1	92
6) Benzaldehyde	6.951	77	253233	35.018	ng/u1	95
8) Phenol	7.016	94	548557	29.969	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	431316	29.461	ng/u1	97
12) 2-Chlorophenol	7.369	128	441714	30.538	ng/u1	100
13) 2-Methylphenol	8.263	108	395472	29.310	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.334	45	580068m	29.615	ng/u1	
16) Acetophenone	8.633	105	680252	32.175	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.622	70	327942	31.164	ng/u1	97
18) 4-Methylphenol	8.592	108	430324	29.795	ng/u1	99
19) Hexachloroethane	8.875	117	180976	29.906	ng/u1	93
22) Nitrobenzene	9.016	77	487236	30.664	ng/u1	99
23) Isophorone	9.539	82	894950	31.717	ng/u1	98
25) 2-Nitrophenol	9.722	139	242679	32.022	ng/u1	96
26) 2,4-Dimethylphenol	9.792	107	311565	20.558	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	566552	30.841	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	402907	32.401	ng/u1	98
30) Naphthalene	10.657	128	1427571	30.752	ng/u1	99
32) 4-Chloroaniline	10.780	127	457827	23.889	ng/u1	99
33) Hexachlorobutadiene	10.933	225	247948	31.739	ng/u1	98
34) Caprolactam	11.574	113	138106	37.067	ng/u1	92
35) 4-Chloro-3-methylphenol	11.916	107	442611	35.203	ng/u1	97
36) 2-Methylnaphthalene	12.269	142	929888	31.926	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081622\
 Data File : BM036307.D
 Acq On : 16 Aug 2022 19:16
 Operator : CG/JU
 Sample : N4173-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX7P4MSD

Quant Time: Aug 17 02:31:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/17/2022
 Supervised By :Sohil Jodhani 08/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.486	142	936939	31.941	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	452393	31.442	ng/ul	98
40) Hexachlorocyclopentadiene	12.610	237	156148	18.293	ng/ul	96
41) 2,4,6-Trichlorophenol	12.886	196	311819	34.440	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	350496	36.496	ng/ul	100
43) 1,1'-Biphenyl	13.286	154	1222662	31.229	ng/ul	99
44) 2-Chloronaphthalene	13.327	162	948768	31.580	ng/ul	98
45) 2-Nitroaniline	13.545	65	289908	35.635	ng/ul	98
47) Dimethylphthalate	13.915	163	1202910	35.484	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	250938	39.233	ng/ul	92
50) Acenaphthylene	14.168	152	1571156	32.436	ng/ul	100
51) 3-Nitroaniline	14.368	138	283094	40.472	ng/ul	99
52) Acenaphthene	14.510	153	1022296	32.380	ng/ul	98
53) 2,4-Dinitrophenol	14.580	184	134451	38.572	ng/ul	98
55) 4-Nitrophenol	14.692	109	195909	39.735	ng/ul	85
56) Dibenzofuran	14.845	168	1444639	32.977	ng/ul	97
57) 2,4-Dinitrotoluene	14.827	165	376264	41.480	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.074	232	292998	40.182	ng/ul#	92
59) Diethylphthalate	15.274	149	1304036	39.024	ng/ul	99
61) Fluorene	15.498	166	1212330	34.890	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	567371	34.956	ng/ul	98
63) 4-Nitroaniline	15.533	138	319794m	49.010	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	204027	38.310	ng/ul	97
67) N-Nitrosodiphenylamine	15.709	169	1053772	35.976	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	351618	37.063	ng/ul	99
69) Hexachlorobenzene	16.492	284	431763	37.555	ng/ul	97
70) Atrazine	16.662	200	221589	22.141	ng/ul	99
71) Pentachlorophenol	16.845	266	236760	37.354	ng/ul	99
72) Phenanthrene	17.233	178	2032756	37.740	ng/ul	98
74) Anthracene	17.327	178	1989369	36.841	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	448819	29.195	ng/uL	97
76) Pentachlorobenzene	14.762	250	465352	32.419	ng/uL	99
77) Carbazole	17.603	167	1927074	38.116	ng/ul	98
78) Di-n-butylphthalate	18.162	149	2299210	41.578	ng/ul	99
80) Fluoranthene	19.250	202	2413919	40.015	ng/ul	96
82) Pyrene	19.609	202	2454888	38.996	ng/ul	98
83) Butylbenzylphthalate	20.515	149	1017232	43.193	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.297	252	635327	32.063	ng/ul	98
85) Benzo(a)anthracene	21.356	228	2278876	39.410	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	1470154	45.213	ng/ul	98
87) Chrysene	21.409	228	2213974	38.966	ng/ul	99
89) Di-n-octyl phthalate	22.191	149	2476217	41.883	ng/ul	100
90) Benzo(b)fluoranthene	22.991	252	2396015	39.514	ng/ul	98
91) Benzo(k)fluoranthene	23.044	252	2293192	39.751	ng/ul	97
93) Benzo(a)pyrene	23.603	252	2322693	38.937	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.126	276	2760311	39.357	ng/ul	94
95) Dibenzo(a,h)anthracene	26.138	278	2365089	39.146	ng/ul	96
96) Benzo(g,h,i)perylene	26.862	276	2014251	33.584	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

