

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081522\
 Data File : BM036280.D
 Acq On : 15 Aug 2022 11:06
 Operator : CG/JU
 Sample : PB146648BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS648

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2022
 Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 15 11:43:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 14 23:34:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	156978	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	647392	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	378130	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	774487	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	858495	20.000	ng/u1	0.00
88) Perylene-d12	23.709	264	910916	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	23805	5.706	ng/uL	0.00
4) Pyridine-d5	3.640	84	302727	26.489	ng/u1	0.00
7) Phenol-d5	6.992	99	399176	30.323	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	246126	28.046	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	331356	30.325	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	299691	28.102	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	154668	30.150	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	156971	31.407	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	285717	31.607	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	323310	21.127	ng/u1	0.00
46) Dimethylphthalate-d6	13.868	166	782703	30.388	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1005543	30.597	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	156961	29.675	ng/u1	0.00
60) Fluorene-d10	15.439	176	710289	30.517	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	123567	29.682	ng/u1	0.00
73) Anthracene-d10	17.292	188	1098526	31.373	ng/u1	0.00
81) Pyrene-d10	19.586	212	1332939	28.015	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1479676	31.996	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	50345	11.645	ng/uL	97
5) Pyridine	3.657	79	347913	29.010	ng/u1	91
6) Benzaldehyde	6.951	77	253840	45.944	ng/u1	95
8) Phenol	7.016	94	438868	30.464	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.239	93	341736	29.506	ng/u1	97
12) 2-Chlorophenol	7.375	128	352445	31.443	ng/u1	99
13) 2-Methylphenol	8.269	108	315502	29.316	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.345	45	446365	29.198	ng/u1	97
16) Acetophenone	8.639	105	497160	29.036	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.622	70	242924	28.450	ng/u1	97
18) 4-Methylphenol	8.598	108	345455	29.922	ng/u1	97
19) Hexachloroethane	8.881	117	141998	30.703	ng/u1	91
22) Nitrobenzene	9.016	77	374286	31.883	ng/u1	99
23) Isophorone	9.545	82	655734	29.591	ng/u1	97
25) 2-Nitrophenol	9.728	139	180136	32.487	ng/u1	98
26) 2,4-Dimethylphenol	9.798	107	350626	30.946	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	425702	30.459	ng/u1	100
29) 2,4-Dichlorophenol	10.269	162	300425	32.020	ng/u1	98
30) Naphthalene	10.657	128	1083974	31.722	ng/u1	99
32) 4-Chloroaniline	10.780	127	370284	24.358	ng/u1	98
33) Hexachlorobutadiene	10.933	225	181600	31.353	ng/u1	100
34) Caprolactam	11.580	113	88840	28.651	ng/u1	88
35) 4-Chloro-3-methylphenol	11.916	107	309136	31.687	ng/u1	98
36) 2-Methylnaphthalene	12.274	142	686033	30.686	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	695407	30.859	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.639	216	329415	30.604	ng/u1	99
40) Hexachlorocyclopentadiene	12.610	237	165478	23.083	ng/u1	95
41) 2,4,6-Trichlorophenol	12.886	196	207309	30.096	ng/u1	99
42) 2,4,5-Trichlorophenol	12.963	196	227806	30.995	ng/u1	100
43) 1,1'-Biphenyl	13.286	154	903452	31.042	ng/u1	99
44) 2-Chloronaphthalene	13.327	162	697749	31.238	ng/u1	99
45) 2-Nitroaniline	13.545	65	199557	32.407	ng/u1	98
47) Dimethylphthalate	13.916	163	819887	31.645	ng/u1	100
48) 2,6-Dinitrotoluene	14.039	165	162692	31.629	ng/u1	90
50) Acenaphthylene	14.168	152	1148388	31.589	ng/u1	100
51) 3-Nitroaniline	14.374	138	197232	34.695	ng/u1	95
52) Acenaphthene	14.515	153	750189	31.808	ng/u1	98
53) 2,4-Dinitrophenol	14.580	184	80854	27.684	ng/u1	97
55) 4-Nitrophenol	14.692	109	127344	31.479	ng/u1	87
56) Dibenzofuran	14.851	168	1055198	32.335	ng/u1	99
57) 2,4-Dinitrotoluene	14.827	165	240939	33.229	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.080	232	174184	30.163	ng/u1	93
59) Diethylphthalate	15.274	149	838783	32.007	ng/u1	99
61) Fluorene	15.498	166	856621	32.134	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.492	204	393913	30.841	ng/u1	98
63) 4-Nitroaniline	15.533	138	217514m	41.562	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.586	198	128633	30.878	ng/u1#	94
67) N-Nitrosodiphenylamine	15.710	169	705165	30.970	ng/u1	97
68) 4-Bromophenyl-phenylether	16.386	248	226086	29.777	ng/u1	97
69) Hexachlorobenzene	16.492	284	282278	30.512	ng/u1	96
70) Atrazine	16.662	200	97413	12.335	ng/u1	98
71) Pentachlorophenol	16.845	266	141048	24.957	ng/u1	99
72) Phenanthrene	17.233	178	1356369	32.675	ng/u1	98
74) Anthracene	17.327	178	1373887	32.984	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	328477	27.273	ng/uL	99
76) Pentachlorobenzene	14.763	250	331340	30.349	ng/uL	99
77) Carbazole	17.604	167	1320629	34.328	ng/u1	99
78) Di-n-butylphthalate	18.162	149	1441917	33.220	ng/u1	99
80) Fluoranthene	19.250	202	1647076	28.974	ng/u1	98
82) Pyrene	19.615	202	1724787	29.436	ng/u1	97
83) Butylbenzylphthalate	20.515	149	673805	31.618	ng/u1	94
84) 3,3'-Dichlorobenzidine	21.297	252	571352	36.065	ng/u1	99
85) Benzo(a)anthracene	21.362	228	1744247	32.280	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	971362	31.545	ng/u1	100
87) Chrysene	21.415	228	1728299	32.781	ng/u1	99
89) Di-n-octyl phthalate	22.197	149	1695370	28.821	ng/u1	100
90) Benzo(b)fluoranthene	22.997	252	1905524	31.345	ng/u1	98
91) Benzo(k)fluoranthene	23.044	252	1822538	31.593	ng/u1	98
93) Benzo(a)pyrene	23.609	252	1884743	32.549	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	2204348	35.715	ng/u1	95
95) Dibenzo(a,h)anthracene	26.144	278	1910495	36.080	ng/u1	96
96) Benzo(g,h,i)perylene	26.874	276	1885839	36.871	ng/u1	96

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

