

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
 Data File : BM034580.D
 Acq On : 09 Apr 2022 03:02
 Operator : CG/JU
 Sample : N2319-15MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YB2J1MSD

Quant Time: Apr 09 04:47:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 08 14:30:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	73956	20.000	ng/u1	0.00
20) Naphthalene-d8	10.684	136	302362	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.525	164	177679	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	343992	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.442	240	342147	20.000	ng/u1	# 0.00
88) Perylene-d12	23.824	264	354438	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	15017m	7.241	ng/uL	0.00
4) Pyridine-d5	3.678	84	94498	18.880	ng/u1	0.00
7) Phenol-d5	7.037	99	80269	13.040	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.202	67	313812	76.507	ng/u1	0.00
11) 2-Chlorophenol-d4	7.402	132	280372	58.921	ng/u1	0.00
15) 4-Methylphenol-d8	8.590	113	165830	34.488	ng/u1	0.00
21) Nitrobenzene-d5	9.037	128	182975	82.340	ng/u1	0.00
24) 2-Nitrophenol-d4	9.766	143	191461	82.755	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	314166	72.115	ng/u1	0.00
31) 4-Chloroaniline-d4	10.819	131	396522	65.974	ng/u1	0.00
46) Dimethylphthalate-d6	13.936	166	1098703	85.578	ng/u1	0.00
49) Acenaphthylene-d8	14.219	160	1291162	78.245	ng/u1	0.00
54) 4-Nitrophenol-d4	14.725	143	28888	14.757	ng/u1	0.00
60) Fluorene-d10	15.519	176	930222	83.843	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	188425	89.727	ng/u1	0.00
73) Anthracene-d10	17.366	188	1453099	88.601	ng/u1	0.00
81) Pyrene-d10	19.654	212	1706456	91.380	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.671	264	1671177	93.733	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	17800	8.524	ng/uL	90
5) Pyridine	3.702	79	95675	17.494	ng/u1#	72
6) Benzaldehyde	7.007	77	282532	74.868	ng/u1	91
8) Phenol	7.066	94	78526	12.628	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.296	93	329390	65.636	ng/u1#	87
12) 2-Chlorophenol	7.437	128	249915	51.523	ng/u1#	87
13) 2-Methylphenol	8.325	108	170762	37.147	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.413	45	492959	65.699	ng/u1#	86
16) Acetophenone	8.701	105	496758	66.188	ng/u1#	89
17) N-Nitroso-di-n-propyla...	8.690	70	279804	70.042	ng/u1#	88
18) 4-Methylphenol	8.654	108	152333	31.150	ng/u1	99
19) Hexachloroethane	8.960	117	120212	55.100	ng/u1#	81
22) Nitrobenzene	9.084	77	399606	68.595	ng/u1	92
23) Isophorone	9.613	82	729306	70.498	ng/u1	93
25) 2-Nitrophenol	9.796	139	175484	70.816	ng/u1#	89
26) 2,4-Dimethylphenol	9.860	107	265050	48.188	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.095	93	431332	69.300	ng/u1	98
29) 2,4-Dichlorophenol	10.337	162	269898	62.772	ng/u1	95
30) Naphthalene	10.737	128	1014039	64.420	ng/u1	99
32) 4-Chloroaniline	10.842	127	343097	56.980	ng/u1	100
33) Hexachlorobutadiene	11.031	225	179929	59.522	ng/u1	99
34) Caprolactam	11.625	113	9686m	6.934	ng/u1	
35) 4-Chloro-3-methylphenol	11.972	107	266732	59.759	ng/u1	90
36) 2-Methylnaphthalene	12.348	142	684840	67.883	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	706997	68.307	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.719	216	355598	66.862	ng/ul#	96
40) Hexachlorocyclopentadiene	12.701	237	177341	50.813	ng/ul	96
41) 2,4,6-Trichlorophenol	12.960	196	231630	71.696	ng/ul	96
42) 2,4,5-Trichlorophenol	13.031	196	247590	73.955	ng/ul	98
43) 1,1'-Biphenyl	13.360	154	933072	69.324	ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	711862	68.891	ng/ul	97
45) 2-Nitroaniline	13.601	65	232041	82.352	ng/ul#	82
47) Dimethylphthalate	13.983	163	929514	73.570	ng/ul	100
48) 2,6-Dinitrotoluene	14.101	165	198487	81.775	ng/ul	93
50) Acenaphthylene	14.248	152	1183485	70.646	ng/ul	99
51) 3-Nitroaniline	14.425	138	161299	76.010	ng/ul	84
52) Acenaphthene	14.589	153	781400	70.060	ng/ul	99
53) 2,4-Dinitrophenol	14.636	184	97026	70.931	ng/ul#	84
55) 4-Nitrophenol	14.736	109	22275	13.325	ng/ul#	79
56) Dibenzofuran	14.925	168	1086936	71.704	ng/ul	97
57) 2,4-Dinitrotoluene	14.883	165	278835	82.537	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.148	232	222851	75.816	ng/ul#	89
59) Diethylphthalate	15.342	149	983995	76.675	ng/ul	98
61) Fluorene	15.572	166	933797	73.013	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.566	204	446688	72.357	ng/ul	93
63) 4-Nitroaniline	15.589	138	155592m	83.267	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	160877	76.831	ng/ul#	87
67) N-Nitrosodiphenylamine	15.777	169	758554	74.015	ng/ul	98
68) 4-Bromophenyl-phenylether	16.460	248	273130	76.810	ng/ul	95
69) Hexachlorobenzene	16.577	284	326886	76.544	ng/ul#	91
70) Atrazine	16.730	200	299703	78.144	ng/ul	98
71) Pentachlorophenol	16.919	266	197617	75.573	ng/ul	99
72) Phenanthrene	17.307	178	1470659	76.617	ng/ul	99
74) Anthracene	17.401	178	1481610	77.896	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.325	216	376417	69.672	ng/uL	99
76) Pentachlorobenzene	14.848	250	369923	72.962	ng/uL	99
77) Carbazole	17.671	167	1248484	79.346	ng/ul	98
78) Di-n-butylphthalate	18.236	149	1675855	83.915	ng/ul	99
80) Fluoranthene	19.324	202	1709591	82.724	ng/ul#	90
82) Pyrene	19.689	202	1793564	79.848	ng/ul#	88
83) Butylbenzylphthalate	20.583	149	765204	87.018	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.359	252	493810	82.351	ng/ul#	97
85) Benzo(a)anthracene	21.424	228	1592586	80.051	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	1142958	86.844	ng/ul	98
87) Chrysene	21.477	228	1650137	76.921	ng/ul	99
89) Di-n-octyl phthalate	22.271	149	1940960	82.257	ng/ul	100
90) Benzo(b)fluoranthene	23.095	252	1699172	80.679	ng/ul#	98
91) Benzo(k)fluoranthene	23.148	252	1768813	79.975	ng/ul#	97
93) Benzo(a)pyrene	23.718	252	1723581	82.803	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.300	276	1894747	85.058	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.318	278	1599686	87.597	ng/ul#	95
96) Benzo(g,h,i)perylene	27.065	276	1735640	81.175	ng/ul#	94

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

