

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
 Data File : BM044316.D
 Acq On : 25 Feb 2024 04:23
 Operator : MA/JU
 Sample : P1494-16MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH3W6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2024
 Supervised By :mohammad ahmed 02/26/2024

Quant Time: Feb 26 01:29:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 25 22:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	221593	20.000	ng/u1	0.00
20) Naphthalene-d8	10.727	136	994538	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.563	164	581267	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1207033	20.000	ng/u1	0.00
79) Chrysene-d12	21.515	240	1020202	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1124935	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	29185	4.155	ng/uL	0.00
4) Pyridine-d5	3.775	84	210728	10.986	ng/u1	0.00
7) Phenol-d5	7.087	99	170565	8.035	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	503848	36.653	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	476542	29.806	ng/u1	0.01
15) 4-Methylphenol-d8	8.639	113	302423	18.828	ng/u1	0.01
21) Nitrobenzene-d5	9.092	128	319909	39.562	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	333426	40.415	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	540535	37.142	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	803764	32.885	ng/u1	0.01
46) Dimethylphthalate-d6	13.992	166	1932369	43.104	ng/u1	0.01
49) Acenaphthylene-d8	14.263	160	2198929	42.632	ng/u1	0.01
54) 4-Nitrophenol-d4	14.768	143	83652	9.377	ng/u1	0.00
60) Fluorene-d10	15.562	176	1641742	43.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	325652	43.482	ng/u1	0.00
73) Anthracene-d10	17.415	188	2474387	42.993	ng/u1	0.00
81) Pyrene-d10	19.715	212	2820109	45.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	2655140	46.062	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	38447	5.194	ng/uL	96
5) Pyridine	3.793	79	235015	11.712	ng/u1	99
6) Benzaldehyde	7.069	77	373001m	40.479	ng/u1	
8) Phenol	7.110	94	186978	8.474	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.357	93	679244	36.777	ng/u1	99
12) 2-Chlorophenol	7.481	128	496376	30.010	ng/u1	98
13) 2-Methylphenol	8.369	108	363422	22.356	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	906406	35.894	ng/u1	98
16) Acetophenone	8.757	105	999568	38.952	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.739	70	527360	41.024	ng/u1	96
18) 4-Methylphenol	8.698	108	340906	19.686	ng/u1	100
19) Hexachloroethane	8.992	117	256004	36.483	ng/u1	98
22) Nitrobenzene	9.133	77	740286	37.854	ng/u1	99
23) Isophorone	9.663	82	1534369	40.483	ng/u1	99
25) 2-Nitrophenol	9.845	139	353659	38.651	ng/u1	98
26) 2,4-Dimethylphenol	9.904	107	404623	23.159	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.151	93	941246	38.201	ng/u1	99
29) 2,4-Dichlorophenol	10.375	162	532927	36.183	ng/u1	99
30) Naphthalene	10.775	128	2108772	37.282	ng/u1	100
32) 4-Chloroaniline	10.898	127	654210	27.468	ng/u1	100
33) Hexachlorobutadiene	11.051	225	322130	36.303	ng/u1	98
34) Caprolactam	11.692	113	26651	5.235	ng/u1	94
35) 4-Chloro-3-methylphenol	12.016	107	570019	36.326	ng/u1	99
36) 2-Methylnaphthalene	12.386	142	1419113	39.390	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1404110	39.424	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.751	216	665674	38.686	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	323932	27.981	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	452554	41.261	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	488766	41.222	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	1847178	39.034	ng/ul	98
44) 2-Chloronaphthalene	13.445	162	1462472	39.470	ng/ul	99
45) 2-Nitroaniline	13.657	65	476814	46.479	ng/ul	97
47) Dimethylphthalate	14.039	163	1954505	42.658	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	403825	47.128	ng/ul	96
50) Acenaphthylene	14.286	152	2489961	40.757	ng/ul	99
51) 3-Nitroaniline	14.486	138	390044	43.148	ng/ul	93
52) Acenaphthene	14.627	153	1629242	40.396	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	221989	41.751	ng/ul	96
55) 4-Nitrophenol	14.786	109	57940	9.455	ng/ul	99
56) Dibenzofuran	14.968	168	2209996	40.818	ng/ul	100
57) 2,4-Dinitrotoluene	14.945	165	582329	47.306	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.192	232	409759	42.942	ng/ul	99
59) Diethylphthalate	15.404	149	2085310	44.215	ng/ul	100
61) Fluorene	15.615	166	1811734	41.663	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	860798	42.002	ng/ul	98
63) 4-Nitroaniline	15.651	138	424180	48.516	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	343985	41.986	ng/ul#	98
67) N-Nitrosodiphenylamine	15.833	169	1560368	42.658	ng/ul	99
68) 4-Bromophenyl-phenylether	16.515	248	492424	41.060	ng/ul	96
69) Hexachlorobenzene	16.609	284	582533	42.439	ng/ul	99
70) Atrazine	16.792	200	368837	30.782	ng/ul	98
71) Pentachlorophenol	16.962	266	358034	39.581	ng/ul	99
72) Phenanthrene	17.362	178	2920768	42.181	ng/ul	100
74) Anthracene	17.451	178	2932918	42.069	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	675571	39.984	ng/ul	98
76) Pentachlorobenzene	14.880	250	665861	41.281	ng/ul	98
77) Carbazole	17.727	167	2800507	42.720	ng/ul	100
78) Di-n-butylphthalate	18.303	149	3911044	47.120	ng/ul	100
80) Fluoranthene	19.380	202	3344765	45.438	ng/ul	99
82) Pyrene	19.745	202	3430602	44.439	ng/ul	100
83) Butylbenzylphthalate	20.662	149	1781718	51.385	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.444	252	1007874	44.167	ng/ul	99
85) Benzo(a)anthracene	21.503	228	3356168	44.109	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.450	149	2665440	50.210	ng/ul	100
87) Chrysene	21.556	228	3135022	43.833	ng/ul	100
89) Di-n-octyl phthalate	22.391	149	4734884	49.126	ng/ul	100
90) Benzo(b)fluoranthene	23.191	252	3394923	47.075	ng/ul	100
91) Benzo(k)fluoranthene	23.244	252	3222305	43.503	ng/ul	100
93) Benzo(a)pyrene	23.821	252	3086164	44.385	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.438	276	3704699	44.059	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	3117233	44.363	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	2956282	43.464	ng/ul	99

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

