

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044393.D
 Acq On : 28 Feb 2024 08:19
 Operator : MA/JU
 Sample : PB159251BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS251

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 28 08:49:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 23:05:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	215465	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	957943	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	563585	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	1150846	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	963711	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1040057	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	46541	6.815	ng/uL	0.00
4) Pyridine-d5	3.781	84	665163	35.665	ng/u1	0.00
7) Phenol-d5	7.110	99	756924	36.671	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	480385	35.940	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	592539	38.116	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	582680	37.309	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	293075	37.628	ng/u1	0.00
24) 2-Nitrophenol-d4	9.839	143	319595	40.218	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	556157	39.676	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	785728	33.375	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1605046	36.926	ng/u1	0.00
49) Acenaphthylene-d8	14.280	160	1917381	38.340	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	322422	37.277	ng/u1	0.00
60) Fluorene-d10	15.580	176	1381808	37.560	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	262644	36.781	ng/u1	0.00
73) Anthracene-d10	17.433	188	2105617	38.372	ng/u1	0.00
81) Pyrene-d10	19.733	212	2323260	40.071	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	2124741	39.869	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	94187	13.085	ng/uL	99
5) Pyridine	3.799	79	674073	34.547	ng/u1	99
6) Benzaldehyde	7.092	77	363129	40.529	ng/u1	99
8) Phenol	7.140	94	783369	36.511	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.381	93	630325	35.099	ng/u1	99
12) 2-Chlorophenol	7.504	128	606589	37.716	ng/u1	98
13) 2-Methylphenol	8.392	108	579476	36.660	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	841106	34.255	ng/u1	99
16) Acetophenone	8.781	105	926508	37.132	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.769	70	476044	38.086	ng/u1	99
18) 4-Methylphenol	8.728	108	617398	36.667	ng/u1	99
19) Hexachloroethane	9.016	117	249299	36.538	ng/u1	98
22) Nitrobenzene	9.163	77	679856	36.092	ng/u1	98
23) Isophorone	9.686	82	1349048	36.953	ng/u1	99
25) 2-Nitrophenol	9.869	139	339504	38.521	ng/u1	98
26) 2,4-Dimethylphenol	9.928	107	591560	35.152	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.181	93	851891	35.895	ng/u1	99
29) 2,4-Dichlorophenol	10.398	162	540863	38.124	ng/u1	99
30) Naphthalene	10.804	128	1946050	35.720	ng/u1	100
32) 4-Chloroaniline	10.922	127	620174	27.033	ng/u1	99
33) Hexachlorobutadiene	11.075	225	307537	35.982	ng/u1	98
34) Caprolactam	11.710	113	184953m	37.715	ng/u1	
35) 4-Chloro-3-methylphenol	12.045	107	604401	39.989	ng/u1	98
36) 2-Methylnaphthalene	12.416	142	1269511	36.583	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	1256353	36.623	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.774	216	600355	35.985	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	336438	29.973	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	398072	37.432	ng/ul	99
42) 2,4,5-Trichlorophenol	13.092	196	437439	38.051	ng/ul	99
43) 1,1'-Biphenyl	13.427	154	1608734	35.062	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	1285042	35.769	ng/ul	99
45) 2-Nitroaniline	13.680	65	398988	40.113	ng/ul	96
47) Dimethylphthalate	14.057	163	1609952	36.240	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	331086	39.852	ng/ul	98
50) Acenaphthylene	14.310	152	2155883	36.395	ng/ul	100
51) 3-Nitroaniline	14.510	138	356652	40.692	ng/ul	92
52) Acenaphthene	14.651	153	1400845	35.823	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	171587	33.284	ng/ul	93
55) 4-Nitrophenol	14.810	109	219180	36.888	ng/ul	96
56) Dibenzofuran	14.986	168	1883664	35.882	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	474494	39.755	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.210	232	342819	37.054	ng/ul	98
59) Diethylphthalate	15.421	149	1686250	36.875	ng/ul	100
61) Fluorene	15.633	166	1537210	36.459	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	730936	36.785	ng/ul	97
63) 4-Nitroaniline	15.668	138	390163	46.025	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.721	198	275186	35.228	ng/ul	97
67) N-Nitrosodiphenylamine	15.851	169	1304929	37.417	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	429462	37.559	ng/ul	96
69) Hexachlorobenzene	16.627	284	495939	37.895	ng/ul	100
70) Atrazine	16.810	200	271188	23.738	ng/ul	99
71) Pentachlorophenol	16.980	266	292641	33.931	ng/ul	99
72) Phenanthrene	17.380	178	2408861	36.487	ng/ul	100
74) Anthracene	17.468	178	2453472	36.910	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	598781	37.169	ng/ul	98
76) Pentachlorobenzene	14.898	250	565899	36.797	ng/ul	97
77) Carbazole	17.745	167	2301148	36.817	ng/ul	100
78) Di-n-butylphthalate	18.321	149	3113496	39.343	ng/ul	100
80) Fluoranthene	19.398	202	2703352	38.878	ng/ul	99
82) Pyrene	19.762	202	2822914	38.711	ng/ul	98
83) Butylbenzylphthalate	20.680	149	1385793	42.309	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	839783	38.958	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2752755	38.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	2124012	42.356	ng/ul	99
87) Chrysene	21.574	228	2566854	37.993	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	3685124	41.355	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2676176	40.137	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	2557826	37.350	ng/ul	100
93) Benzo(a)pyrene	23.850	252	2491937	38.764	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.485	276	2975383	38.274	ng/ul	99
95) Dibenzo(a,h)anthracene	26.509	278	2500126	38.485	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	2378960	37.831	ng/ul	97

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

