

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044979.D
 Acq On : 06 Apr 2024 20:15
 Operator : MA/JU
 Sample : PB160048BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS048

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/09/2024
 Supervised By :mohammad ahmed 04/09/2024

Quant Time: Apr 08 04:42:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 01:45:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	78687	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	369107	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	243452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	530101	20.000	ng/u1	0.00
79) Chrysene-d12	21.250	240	503629	20.000	ng/u1	0.00
88) Perylene-d12	23.480	264	576000	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	14279	6.776	ng/uL	0.00
4) Pyridine-d5	3.605	84	166636	29.080	ng/u1	0.00
7) Phenol-d5	6.816	99	211594	31.720	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	124959	31.442	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	170536	32.631	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	170894	32.729	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	87041	30.700	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	98390	32.878	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	175920	32.063	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	243453	27.870	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	507432	29.935	ng/u1	0.00
49) Acenaphthylene-d8	13.974	160	605047	30.214	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	100703	28.466	ng/u1	0.00
60) Fluorene-d10	15.286	176	448690	29.691	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	89670	28.529	ng/u1	0.00
73) Anthracene-d10	17.145	188	699595	29.337	ng/u1	0.00
81) Pyrene-d10	19.451	212	808774	32.614	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.339	264	865072	30.787	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	20671	9.393	ng/uL	89
5) Pyridine	3.628	79	167428	27.575	ng/u1	98
6) Benzaldehyde	6.798	77	122557	39.633	ng/u1	100
8) Phenol	6.846	94	215908	31.256	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.081	93	160072	29.692	ng/u1	99
12) 2-Chlorophenol	7.198	128	172955	31.539	ng/u1	97
13) 2-Methylphenol	8.081	108	157769	30.942	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.157	45	190055	29.557	ng/u1	98
16) Acetophenone	8.463	105	254800	30.015	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.445	70	130630	32.591	ng/u1	96
18) 4-Methylphenol	8.410	108	174710	31.790	ng/u1	98
19) Hexachloroethane	8.687	117	74496	30.886	ng/u1	99
22) Nitrobenzene	8.839	77	200340	28.801	ng/u1	98
23) Isophorone	9.363	82	369247	28.892	ng/u1	98
25) 2-Nitrophenol	9.539	139	102131	30.749	ng/u1	91
26) 2,4-Dimethylphenol	9.598	107	173506	27.095	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.845	93	219448	28.964	ng/u1	97
29) 2,4-Dichlorophenol	10.063	162	169238	30.530	ng/u1	98
30) Naphthalene	10.457	128	534967	27.379	ng/u1	99
32) 4-Chloroaniline	10.586	127	229259	26.972	ng/u1	98
33) Hexachlorobutadiene	10.722	225	90815	26.349	ng/u1	92
34) Caprolactam	11.386	113	57259m	30.596	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	179183	32.517	ng/u1	96
36) 2-Methylnaphthalene	12.080	142	369362	28.952	ng/u1	99

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37) 1-Methylnaphthalene	12.304	142	379750	29.414	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	186579	28.023	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	86797	21.536	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	134548	30.979	ng/ul	97
42) 2,4,5-Trichlorophenol	12.780	196	148023	30.932	ng/ul	96
43) 1,1'-Biphenyl	13.110	154	484975	28.211	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	378760	27.118	ng/ul	99
45) 2-Nitroaniline	13.380	65	121732	31.574	ng/ul	98
47) Dimethylphthalate	13.757	163	490898	27.707	ng/ul	98
48) 2,6-Dinitrotoluene	13.886	165	101253	29.157	ng/ul	89
50) Acenaphthylene	14.004	152	648217	27.715	ng/ul	99
51) 3-Nitroaniline	14.216	138	114044	30.107	ng/ul	89
52) Acenaphthene	14.351	153	428681	27.468	ng/ul	97
53) 2,4-Dinitrophenol	14.433	184	60868	29.481	ng/ul	99
55) 4-Nitrophenol	14.533	109	87768	28.210	ng/ul	90
56) Dibenzofuran	14.686	168	597164	27.962	ng/ul	97
57) 2,4-Dinitrotoluene	14.680	165	155774	29.967	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	123543	30.164	ng/ul	97
59) Diethylphthalate	15.127	149	509528	28.189	ng/ul	99
61) Fluorene	15.339	166	499803	27.767	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.339	204	229424	27.193	ng/ul	95
63) 4-Nitroaniline	15.386	138	103880	30.163	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.439	198	92796	27.569	ng/ul	100
67) N-Nitrosodiphenylamine	15.563	169	416510	29.126	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	143611	27.816	ng/ul	96
69) Hexachlorobenzene	16.339	284	181817	27.073	ng/ul	95
70) Atrazine	16.527	200	149149	28.354	ng/ul	98
71) Pentachlorophenol	16.692	266	117917	28.905	ng/ul	96
72) Phenanthrene	17.086	178	774279	27.142	ng/ul	99
74) Anthracene	17.180	178	783624	26.854	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	186523	27.917	ng/uL	99
76) Pentachlorobenzene	14.598	250	197156	27.734	ng/uL	98
77) Carbazole	17.462	167	739070	26.266	ng/ul	100
78) Di-n-butylphthalate	18.027	149	963953	30.378	ng/ul	99
80) Fluoranthene	19.115	202	913330	31.226	ng/ul	99
82) Pyrene	19.480	202	978552	31.003	ng/ul	99
83) Butylbenzylphthalate	20.403	149	453875	34.322	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	342823	30.614	ng/ul	96
85) Benzo(a)anthracene	21.239	228	967671	28.317	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.180	149	717911	34.730	ng/ul	99
87) Chrysene	21.292	228	902032	28.316	ng/ul	99
89) Di-n-octyl phthalate	22.062	149	1245107	34.357	ng/ul	100
90) Benzo(b)fluoranthene	22.809	252	1002641	29.866	ng/ul	99
91) Benzo(k)fluoranthene	22.856	252	979207	28.979	ng/ul	99
93) Benzo(a)pyrene	23.380	252	842418	25.783	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.715	276	1197305	28.290	ng/ul	100
95) Dibenzo(a,h)anthracene	25.733	278	987450	27.906	ng/ul	98
96) Benzo(g,h,i)perylene	26.397	276	907534	27.181	ng/ul	99

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

