

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
 Data File : BM045152.D
 Acq On : 12 Apr 2024 02:00
 Operator : MA/JU
 Sample : PB160135BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS135

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/16/2024

Quant Time: Apr 12 02:39:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	74642	20.000	ng/u1	0.00
20) Naphthalene-d8	10.386	136	316118	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	194442	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	393423	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	384585	20.000	ng/u1	0.00
88) Perylene-d12	23.450	264	483070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	11393	5.700	ng/uL	0.00
4) Pyridine-d5	3.599	84	158441	29.148	ng/u1	0.00
7) Phenol-d5	6.798	99	204760	32.359	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	120983	32.091	ng/u1	0.00
11) 2-Chlorophenol-d4	7.151	132	168113	33.911	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	161423	32.591	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	81784	33.681	ng/u1	0.00
24) 2-Nitrophenol-d4	9.492	143	92397	36.051	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	161260	34.318	ng/u1	0.00
31) 4-Chloroaniline-d4	10.545	131	232082	31.021	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	463368	34.226	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	545694	34.119	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	89296	31.604	ng/u1	0.00
60) Fluorene-d10	15.268	176	396687	32.866	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	77843	33.370	ng/u1	0.00
73) Anthracene-d10	17.127	188	605273	34.200	ng/u1	0.00
81) Pyrene-d10	19.427	212	713375	37.671	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.309	264	840874	35.682	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	23814	11.408	ng/uL#	86
5) Pyridine	3.616	79	163817	28.443	ng/u1	98
6) Benzaldehyde	6.787	77	117900	40.193	ng/u1	96
8) Phenol	6.828	94	213119	32.524	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.063	93	164837	32.232	ng/u1	99
12) 2-Chlorophenol	7.187	128	175660	33.768	ng/u1	100
13) 2-Methylphenol	8.063	108	156052	32.264	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.139	45	194444	31.878	ng/u1	98
16) Acetophenone	8.445	105	256727	31.881	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	127206	33.457	ng/u1	92
18) 4-Methylphenol	8.392	108	172134	33.019	ng/u1	97
19) Hexachloroethane	8.669	117	76850	33.589	ng/u1	98
22) Nitrobenzene	8.822	77	202669	34.020	ng/u1	98
23) Isophorone	9.345	82	368129	33.633	ng/u1	98
25) 2-Nitrophenol	9.522	139	98998	34.802	ng/u1	91
26) 2,4-Dimethylphenol	9.581	107	161515	29.451	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.828	93	221641	34.157	ng/u1	98
29) 2,4-Dichlorophenol	10.045	162	162505	34.230	ng/u1	98
30) Naphthalene	10.439	128	540905	32.323	ng/u1	100
32) 4-Chloroaniline	10.569	127	199052	27.343	ng/u1	99
33) Hexachlorobutadiene	10.704	225	95993	32.520	ng/u1	91
34) Caprolactam	11.380	113	53988m	33.684	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	165386	35.044	ng/u1	97
36) 2-Methylnaphthalene	12.063	142	358543	32.815	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.280	142	361461	32.691	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.427	216	181382	34.110	ng/ul	99
40) Hexachlorocyclopentadiene	12.392	237	100833	31.324	ng/ul	98
41) 2,4,6-Trichlorophenol	12.686	196	120982	34.877	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	131999	34.536	ng/ul	97
43) 1,1'-Biphenyl	13.092	154	467135	34.022	ng/ul	99
44) 2-Chloronaphthalene	13.133	162	373022	33.439	ng/ul	99
45) 2-Nitroaniline	13.363	65	113423	36.834	ng/ul	99
47) Dimethylphthalate	13.739	163	476425	33.668	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	100059	36.076	ng/ul	89
50) Acenaphthylene	13.986	152	624848	33.450	ng/ul	98
51) 3-Nitroaniline	14.204	138	109135	36.073	ng/ul	96
52) Acenaphthene	14.327	153	415200	33.310	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	52632	31.918	ng/ul	95
55) 4-Nitrophenol	14.516	109	79142	31.849	ng/ul	92
56) Dibenzofuran	14.668	168	558148	32.723	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	143982	34.680	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.898	232	107442	32.845	ng/ul	97
59) Diethylphthalate	15.110	149	489644	33.917	ng/ul	98
61) Fluorene	15.321	166	464879	32.337	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.321	204	216453	32.123	ng/ul	94
63) 4-Nitroaniline	15.374	138	103330	37.566	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.427	198	83239	33.320	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	374279	35.266	ng/ul	100
68) 4-Bromophenyl-phenylether	16.221	248	136103	35.521	ng/ul	97
69) Hexachlorobenzene	16.315	284	169782	34.064	ng/ul	94
70) Atrazine	16.510	200	91247	23.373	ng/ul	98
71) Pentachlorophenol	16.674	266	94051	31.064	ng/ul	97
72) Phenanthrene	17.068	178	726152	34.298	ng/ul	98
74) Anthracene	17.157	178	732594	33.827	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.045	216	179740	36.248	ng/uL	98
76) Pentachlorobenzene	14.580	250	184792	35.026	ng/uL	100
77) Carbazole	17.445	167	693079	33.189	ng/ul	98
78) Di-n-butylphthalate	18.009	149	850991	36.135	ng/ul	99
80) Fluoranthene	19.098	202	858991	38.459	ng/ul	99
82) Pyrene	19.462	202	902543	37.446	ng/ul	99
83) Butylbenzylphthalate	20.380	149	397167	39.330	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.162	252	300757	35.171	ng/ul	95
85) Benzo(a)anthracene	21.215	228	910348	34.886	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.162	149	594440	37.659	ng/ul	99
87) Chrysene	21.268	228	861764	35.425	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	1009837	33.225	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	1006053	35.733	ng/ul	100
91) Benzo(k)fluoranthene	22.833	252	978857	34.541	ng/ul	99
93) Benzo(a)pyrene	23.356	252	965589	35.238	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.680	276	1265340	35.649	ng/ul	99
95) Dibenzo(a,h)anthracene	25.691	278	1049554	35.367	ng/ul	99
96) Benzo(g,h,i)perylene	26.356	276	1013667	36.200	ng/ul	99

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

