

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091324\
 Data File : BM047512.D
 Acq On : 13 Sep 2024 10:14
 Operator : RC/JU
 Sample : PB163349BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS349

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 05:22:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 00:35:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	419838	20.000	ng/ul	-0.01	
20) Naphthalene-d8	10.663	136	1936683	20.000	ng/ul	0.00	
38) Acenaphthene-d10	14.492	164	1201818	20.000	ng/ul	-0.01	
64) Phenanthrene-d10	17.227	188	2331186	20.000	ng/ul	-0.01	
79) Chrysene-d12	21.456	240	1976081	20.000	ng/ul	-0.01	
88) Perylene-d12	24.497	264	1713796	20.000	ng/ul	-0.02	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.299	96	61366	5.895	ng/uL	0.00	
4) Pyridine-d5	3.710	84	846378	25.448	ng/ul	0.00	
7) Phenol-d5	7.022	99	1052627	26.748	ng/ul	0.00	
9) Bis-(2-Chloroethyl)eth...	7.193	67	663706	27.094	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.398	132	816940	27.256	ng/ul	0.00	
15) 4-Methylphenol-d8	8.563	113	835802	27.019	ng/ul	0.00	
21) Nitrobenzene-d5	9.016	128	424454	28.380	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.739	143	402355	28.477	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.281	165	814544	28.352	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.786	131	1098349	23.359	ng/ul	0.00	
46) Dimethylphthalate-d6	13.904	166	2401779	27.189	ng/ul	0.00	
49) Acenaphthylene-d8	14.186	160	2945311	27.631	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.674	143	441525	25.227	ng/ul	0.00	
60) Fluorene-d10	15.480	176	2105767	27.587	ng/ul	-0.01	
65) 4,6-Dinitro-2-methylph...	15.592	200	309381	25.104	ng/ul	0.00	
73) Anthracene-d10	17.327	188	3109825	27.703	ng/ul	0.00	
81) Pyrene-d10	19.609	212	3483610	30.248	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.291	264	2520494	27.676	ng/ul	-0.02	
Target Compounds							
2) 1,4-Dioxane	3.334	88	109056	9.707	ng/uL	98	
5) Pyridine	3.728	79	864758	25.182	ng/ul	99	
6) Benzaldehyde	6.998	77	492260m	23.632	ng/ul		
8) Phenol	7.045	94	1085354	26.790	ng/ul	99	
10) Bis(2-Chloroethyl)ether	7.287	93	858455	26.796	ng/ul	99	
12) 2-Chlorophenol	7.428	128	859743	27.696	ng/ul	99	
13) 2-Methylphenol	8.298	108	807103	26.466	ng/ul	99	
14) 2,2'-oxybis(1-Chloropr...	8.392	45	1225170	26.095	ng/ul	99	
16) Acetophenone	8.687	105	1378804	27.698	ng/ul	98	
17) N-Nitroso-di-n-propyla...	8.675	70	724767	27.434	ng/ul	98	
18) 4-Methylphenol	8.628	108	908073	27.272	ng/ul	96	
19) Hexachloroethane	8.951	117	369059	27.669	ng/ul	99	
22) Nitrobenzene	9.057	77	1028361	27.516	ng/ul	99	
23) Isophorone	9.592	82	1990729	26.710	ng/ul	99	
25) 2-Nitrophenol	9.769	139	461681	28.263	ng/ul	98	
26) 2,4-Dimethylphenol	9.834	107	789089	22.457	ng/ul	99	
27) Bis(2-Chloroethoxy)met...	10.069	93	1212054	26.875	ng/ul	99	
29) 2,4-Dichlorophenol	10.304	162	799049	27.433	ng/ul	99	
30) Naphthalene	10.716	128	2872536	26.922	ng/ul	99	
32) 4-Chloroaniline	10.810	127	999689	21.611	ng/ul	100	
33) Hexachlorobutadiene	11.010	225	458851	26.412	ng/ul	99	
34) Caprolactam	11.569	113	270025m	24.069	ng/ul		
35) 4-Chloro-3-methylphenol	11.933	107	885387	26.994	ng/ul	100	
36) 2-Methylnaphthalene	12.322	142	1960496	26.730	ng/ul	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1979263	26.709	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	950758	26.647	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	496772	20.252	ng/ul	100
41) 2,4,6-Trichlorophenol	12.922	196	517911	23.657	ng/ul	99
42) 2,4,5-Trichlorophenol	12.992	196	601992	25.299	ng/ul	99
43) 1,1'-Biphenyl	13.333	154	2565906	27.086	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	1975598	27.194	ng/ul	99
45) 2-Nitroaniline	13.563	65	591537	27.988	ng/ul	97
47) Dimethylphthalate	13.951	163	2428629	27.068	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	469541	28.678	ng/ul	99
50) Acenaphthylene	14.216	152	3316701	28.785	ng/ul	100
51) 3-Nitroaniline	14.386	138	532049	27.833	ng/ul	94
52) Acenaphthene	14.557	153	2188555	26.735	ng/ul	100
53) 2,4-Dinitrophenol	14.586	184	187652	20.829	ng/ul	95
55) 4-Nitrophenol	14.686	109	372527	25.282	ng/ul	94
56) Dibenzofuran	14.892	168	2882066	27.087	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	691726	29.338	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.116	232	395407	21.594	ng/ul	96
59) Diethylphthalate	15.316	149	2547738	26.838	ng/ul	98
61) Fluorene	15.539	166	2619434	28.209	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	1204945	28.023	ng/ul	99
63) 4-Nitroaniline	15.545	138	594196	31.412	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.604	198	344814	24.753	ng/ul#	98
67) N-Nitrosodiphenylamine	15.745	169	2009335	27.727	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	671917	27.859	ng/ul	98
69) Hexachlorobenzene	16.539	284	758152	27.511	ng/ul	100
71) Pentachlorophenol	16.874	266	302895	17.465	ng/ul	98
72) Phenanthrene	17.268	178	3732642	28.067	ng/ul	99
74) Anthracene	17.362	178	3769341	27.992	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	929301	27.413	ng/uL	100
76) Pentachlorobenzene	14.816	250	879997	26.283	ng/uL	98
77) Carbazole	17.621	167	3383144	27.479	ng/ul	100
78) Di-n-butylphthalate	18.198	149	4546260	28.641	ng/ul	100
80) Fluoranthene	19.280	202	4191771	30.881	ng/ul	97
82) Pyrene	19.639	202	4498206	31.091	ng/ul	97
83) Butylbenzylphthalate	20.539	149	1933526	29.276	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.356	252	966035	20.677	ng/ul	99
85) Benzo(a)anthracene	21.439	228	3936750	27.889	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	3032392	30.278	ng/ul	100
87) Chrysene	21.497	228	3638131	27.936	ng/ul	100
89) Di-n-octyl phthalate	22.527	149	4798253	35.047	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	3275306	29.772	ng/ul	99
91) Benzo(k)fluoranthene	23.603	252	3281893	30.373	ng/ul	99
93) Benzo(a)pyrene	24.356	252	2801063	27.716	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.932	276	2945637	23.766	ng/ul	98
95) Dibenzo(a,h)anthracene	27.991	278	2407127	23.852	ng/ul	99
96) Benzo(g,h,i)perylene	29.003	276	2285661	24.141	ng/ul	99

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

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