

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048613.D
 Acq On : 12 Nov 2024 10:08
 Operator : RC/JU
 Sample : PB164730BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS730

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 12:35:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	182806	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	757681	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	475294	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.051	188	996076	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	984834	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1120213	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	25294	5.516	ng/uL	0.00
4) Pyridine-d5	3.534	84	364071	28.809	ng/u1	-0.01
7) Phenol-d5	6.840	99	440309	31.641	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	250976	30.026	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.192	132	366697	31.811	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	341630	31.222	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	174619	31.797	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	189055	32.366	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	346624	31.944	ng/u1	0.00
31) 4-Chloroaniline-d4	10.586	131	436560	28.324	ng/u1	-0.01
46) Dimethylphthalate-d6	13.721	166	945597	31.166	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1115774	31.192	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	188696	33.485	ng/u1	0.00
60) Fluorene-d10	15.304	176	829327	31.314	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	159279	31.787	ng/u1	0.00
73) Anthracene-d10	17.151	188	1309237	31.060	ng/u1	0.00
81) Pyrene-d10	19.445	212	1579488	31.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.985	264	1664292	31.798	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.157	88	52115	10.356	ng/uL	96
5) Pyridine	3.557	79	369715	28.500	ng/u1	96
6) Benzaldehyde	6.810	77	25927	3.770	ng/u1	96
8) Phenol	6.869	94	452462	30.989	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.087	93	333239	29.043	ng/u1	98
12) 2-Chlorophenol	7.222	128	367999	30.815	ng/u1	99
13) 2-Methylphenol	8.110	108	333007	30.811	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.175	45	498871	29.565	ng/u1	99
16) Acetophenone	8.481	105	512293	30.035	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.469	70	246657	30.772	ng/u1	97
18) 4-Methylphenol	8.439	108	361872	30.578	ng/u1	100
19) Hexachloroethane	8.728	117	145767	28.884	ng/u1	97
22) Nitrobenzene	8.857	77	377577	30.324	ng/u1	96
23) Isophorone	9.386	82	693968	30.131	ng/u1	99
25) 2-Nitrophenol	9.563	139	201611	31.672	ng/u1	98
26) 2,4-Dimethylphenol	9.633	107	332595	27.972	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	435096	30.264	ng/u1	99
29) 2,4-Dichlorophenol	10.098	162	343062	31.168	ng/u1	98
30) Naphthalene	10.492	128	1117333	29.135	ng/u1	99
32) 4-Chloroaniline	10.616	127	262142	18.038	ng/u1	99
33) Hexachlorobutadiene	10.775	225	212831	28.573	ng/u1	98
34) Caprolactam	11.392	113	108116	31.166	ng/u1	91
35) 4-Chloro-3-methylphenol	11.751	107	340961	32.013	ng/u1	98
36) 2-Methylnaphthalene	12.110	142	738328	30.089	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.333	142	731561	29.051	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.486	216	391544	28.748	ng/ul	100
40) Hexachlorocyclopentadiene	12.463	237	166435	23.907	ng/ul	100
41) 2,4,6-Trichlorophenol	12.733	196	264167	30.706	ng/ul	98
42) 2,4,5-Trichlorophenol	12.816	196	286085	31.226	ng/ul	97
43) 1,1'-Biphenyl	13.133	154	948576	29.188	ng/ul	100
44) 2-Chloronaphthalene	13.174	162	756800	29.510	ng/ul	99
45) 2-Nitroaniline	13.392	65	212336	32.971	ng/ul	96
47) Dimethylphthalate	13.769	163	923522	30.302	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	190299	32.754	ng/ul	96
50) Acenaphthylene	14.027	152	1174300	29.782	ng/ul	100
51) 3-Nitroaniline	14.221	138	204801	32.459	ng/ul	94
52) Acenaphthene	14.368	153	818284	29.478	ng/ul	100
53) 2,4-Dinitrophenol	14.439	184	93941	30.072	ng/ul	93
55) 4-Nitrophenol	14.545	109	129591	31.809	ng/ul	96
56) Dibenzofuran	14.704	168	1143425	29.859	ng/ul	99
57) 2,4-Dinitrotoluene	14.686	165	287101	33.995	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.939	232	241977	31.751	ng/ul	99
59) Diethylphthalate	15.133	149	935133	31.143	ng/ul	99
61) Fluorene	15.357	166	909899	30.012	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	447314	29.947	ng/ul	100
63) 4-Nitroaniline	15.392	138	213345m	34.339	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.451	198	169099	31.011	ng/ul#	94
67) N-Nitrosodiphenylamine	15.568	169	769738	29.320	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	278754	29.674	ng/ul	97
69) Hexachlorobenzene	16.362	284	331610	29.249	ng/ul	98
70) Atrazine	16.527	200	271477	28.413	ng/ul	98
71) Pentachlorophenol	16.709	266	222191	30.836	ng/ul	98
72) Phenanthrene	17.092	178	1474137	29.840	ng/ul	99
74) Anthracene	17.186	178	1484692	29.946	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	385018	27.096	ng/ul	99
76) Pentachlorobenzene	14.627	250	379692	27.426	ng/ul	98
77) Carbazole	17.462	167	1410784	31.592	ng/ul	99
78) Di-n-butylphthalate	18.021	149	1659031	31.599	ng/ul	99
80) Fluoranthene	19.115	202	1774440	30.942	ng/ul	99
82) Pyrene	19.474	202	1897621	30.517	ng/ul	100
83) Butylbenzylphthalate	20.380	149	792695	33.187	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	537999	30.066	ng/ul	100
85) Benzo(a)anthracene	21.262	228	1907432	30.724	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	1135227	32.580	ng/ul	99
87) Chrysene	21.321	228	1804066	30.240	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2001634	31.697	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1934341	31.368	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1917641	31.189	ng/ul	99
93) Benzo(a)pyrene	24.050	252	1794059	30.944	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.456	276	2286854	30.351	ng/ul	99
95) Dibenzo(a,h)anthracene	27.503	278	1872530	30.427	ng/ul	99
96) Benzo(g,h,i)perylene	28.473	276	1796504	30.409	ng/ul	99

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

