

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034660.D
 Acq On : 18 Oct 2024 21:52
 Operator : RC/JU
 Sample : PB164050BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2024
 Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 23:38:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 15:50:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	382479	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1542850	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	824963	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1407209	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	1154994	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1358211	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	52145	5.456	ng/uL	0.00
4) Pyridine-d5	3.605	84	758320	27.171	ng/u1	0.00
7) Phenol-d5	6.840	99	931244	29.667	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	571248	29.503	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	759960	31.341	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	721124	29.479	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	363344	33.841	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	359717	42.397	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	634964	32.469	ng/u1	0.00
31) 4-Chloroaniline-d4	10.575	131	898603	26.786	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	1616335	30.970	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	2022164	31.194	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	301457	31.007	ng/u1	0.01
60) Fluorene-d10	15.292	176	1346946	29.840	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	153751	32.596	ng/u1	0.00
73) Anthracene-d10	17.139	188	1871820	31.117	ng/u1	0.00
81) Pyrene-d10	19.433	212	1935716	32.641	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2051141	32.776	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	107798	10.496	ng/uL	99
5) Pyridine	3.622	79	728961	25.667	ng/u1	99
6) Benzaldehyde	6.811	77	456281	24.764	ng/u1	100
8) Phenol	6.869	94	954879	29.133	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	756631	29.276	ng/u1	96
12) 2-Chlorophenol	7.234	128	773151	30.531	ng/u1	96
13) 2-Methylphenol	8.105	108	697997	28.848	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	1091434	28.034	ng/u1	98
16) Acetophenone	8.481	105	1100650	28.176	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.475	70	535510	28.150	ng/u1	95
18) 4-Methylphenol	8.434	108	751382	28.645	ng/u1	95
19) Hexachloroethane	8.734	117	314179	29.754	ng/u1	97
22) Nitrobenzene	8.852	77	807654	31.448	ng/u1	98
23) Isophorone	9.381	82	1499170	29.529	ng/u1	99
25) 2-Nitrophenol	9.557	139	395111	39.601	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	625978	25.141	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	948791	30.297	ng/u1	100
29) 2,4-Dichlorophenol	10.093	162	625264	31.603	ng/u1	99
30) Naphthalene	10.487	128	2326641	30.001	ng/u1	99
32) 4-Chloroaniline	10.599	127	707688	22.248	ng/u1	99
33) Hexachlorobutadiene	10.787	225	355553	29.900	ng/u1	98
34) Caprolactam	11.363	113	210351m	27.269	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	671301	30.348	ng/u1	98
36) 2-Methylnaphthalene	12.104	142	1493094	29.240	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	1470669	28.292	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	658505	32.484	ng/ul	99
40) Hexachlorocyclopentadiene	12.463	237	275262	25.563	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	416556	35.391	ng/ul	92
42) 2,4,5-Trichlorophenol	12.793	196	453758	34.792	ng/ul	99
43) 1,1'-Biphenyl	13.134	154	1790268	31.601	ng/ul	100
44) 2-Chloronaphthalene	13.163	162	1412441	31.899	ng/ul	98
45) 2-Nitroaniline	13.369	65	414303	35.668	ng/ul	94
47) Dimethylphthalate	13.769	163	1594806	30.423	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	331063	36.458	ng/ul	92
50) Acenaphthylene	14.016	152	2190521	31.185	ng/ul	99
51) 3-Nitroaniline	14.198	138	363714	31.380	ng/ul#	90
52) Acenaphthene	14.363	153	1461556	29.948	ng/ul	95
53) 2,4-Dinitrophenol	14.404	184	92136	26.009	ng/ul	94
55) 4-Nitrophenol	14.510	109	218052	30.627	ng/ul	97
56) Dibenzofuran	14.698	168	1916137	29.547	ng/ul	95
57) 2,4-Dinitrotoluene	14.663	165	459994	35.519	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.922	232	309578	33.115	ng/ul	98
59) Diethylphthalate	15.145	149	1622493	30.506	ng/ul	99
61) Fluorene	15.351	166	1530198	29.283	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.351	204	693959	29.584	ng/ul	98
63) 4-Nitroaniline	15.363	138	370362	32.072	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.422	198	181543	33.268	ng/ul	94
67) N-Nitrosodiphenylamine	15.563	169	1321610	33.327	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	406986	33.221	ng/ul	98
69) Hexachlorobenzene	16.351	284	449143	31.928	ng/ul	96
70) Atrazine	16.522	200	264542	19.914	ng/ul	98
71) Pentachlorophenol	16.692	266	250325	33.202	ng/ul	96
72) Phenanthrene	17.081	178	2203102	31.366	ng/ul	99
74) Anthracene	17.175	178	2250922	31.015	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	633155	35.935	ng/ul	99
76) Pentachlorobenzene	14.616	250	555818	32.963	ng/ul	96
77) Carbazole	17.439	167	2080724	30.962	ng/ul	99
78) Di-n-butylphthalate	18.033	149	2564292	32.794	ng/ul	99
80) Fluoranthene	19.098	202	2309092	32.455	ng/ul	98
82) Pyrene	19.463	202	2441754	32.219	ng/ul	99
83) Butylbenzylphthalate	20.386	149	1095420	38.989	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.174	252	704844	30.337	ng/ul	94
85) Benzo(a)anthracene	21.245	228	2316759	31.572	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1636294	37.117	ng/ul	100
87) Chrysene	21.304	228	2248512	32.282	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	2804764	35.531	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	2389691	32.743	ng/ul	100
91) Benzo(k)fluoranthene	23.310	252	2406851	32.273	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2251003	31.856	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.380	276	2912235	33.034	ng/ul	98
95) Dibenzo(a,h)anthracene	27.451	278	2377743	33.190	ng/ul	99
96) Benzo(g,h,i)perylene	28.392	276	2280627	33.329	ng/ul	98

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

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