

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032230.D
 Acq On : 25 Jun 2024 06:08
 Operator : MA/JU
 Sample : PB161515BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS515

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :Jagrut Upadhyay 06/25/2024

Quant Time: Jun 25 06:45:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	297098	20.000	ng/u1	0.00
20) Naphthalene-d8	10.405	136	1137943	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	671628	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.022	188	1376251	20.000	ng/u1	-0.01
79) Chrysene-d12	21.263	240	1231220	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1469099	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	47102	6.559	ng/uL	0.00
4) Pyridine-d5	3.564	84	480760	23.782	ng/u1	0.00
7) Phenol-d5	6.811	99	683456	26.834	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	369903	24.829	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.164	132	589605	30.339	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	538449	25.935	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	286880	32.972	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	317072	35.278	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	542891	32.355	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.552	131	647774	26.002	ng/u1	-0.01
46) Dimethylphthalate-d6	13.693	166	1508925	32.249	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1768580	32.873	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.504	143	285466	30.471	ng/u1	0.00
60) Fluorene-d10	15.269	176	1291384	32.619	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	247045	35.712	ng/u1	0.00
73) Anthracene-d10	17.122	188	1886761	32.022	ng/u1	0.00
81) Pyrene-d10	19.428	212	2200897	33.405	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	2340083	33.358	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	77943	10.144	ng/uL	96
5) Pyridine	3.581	79	514324	25.445	ng/u1	99
6) Benzaldehyde	6.781	77	342629	28.681	ng/u1	94
8) Phenol	6.840	94	700886	27.040	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.064	93	557325	26.003	ng/u1	95
12) 2-Chlorophenol	7.193	128	611752	30.081	ng/u1	96
13) 2-Methylphenol	8.075	108	527197	26.333	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	590939	23.951	ng/u1	98
16) Acetophenone	8.452	105	834244	26.514	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.434	70	373975	22.937	ng/u1	97
18) 4-Methylphenol	8.405	108	569565	26.245	ng/u1	99
19) Hexachloroethane	8.687	117	260715	30.274	ng/u1	94
22) Nitrobenzene	8.828	77	598614	28.877	ng/u1	93
23) Isophorone	9.352	82	1080636	25.412	ng/u1	96
25) 2-Nitrophenol	9.534	139	335726	34.190	ng/u1	91
26) 2,4-Dimethylphenol	9.593	107	482275	25.247	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.834	93	702483	26.506	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	534387	32.255	ng/u1	98
30) Naphthalene	10.457	128	1829104	31.058	ng/u1	99
32) 4-Chloroaniline	10.575	127	621007	25.675	ng/u1	99
33) Hexachlorobutadiene	10.728	225	347647	34.938	ng/u1	96
34) Caprolactam	11.369	113	172937	26.742	ng/u1	82
35) 4-Chloro-3-methylphenol	11.710	107	549317	28.366	ng/u1	98
36) 2-Methylnaphthalene	12.075	142	1224452	30.417	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	1222257	30.261	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.446	216	632886	35.631	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	204039	19.931	ng/ul	98
41) 2,4,6-Trichlorophenol	12.699	196	395291	32.788	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	438715	33.487	ng/ul	96
43) 1,1'-Biphenyl	13.099	154	1557809	32.976	ng/ul	94
44) 2-Chloronaphthalene	13.140	162	1225896	33.132	ng/ul	98
45) 2-Nitroaniline	13.363	65	315776	29.441	ng/ul#	85
47) Dimethylphthalate	13.740	163	1503429	31.418	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	320863	33.734	ng/ul	96
50) Acenaphthylene	13.993	152	1948339	32.044	ng/ul	99
51) 3-Nitroaniline	14.198	138	345355	33.959	ng/ul	87
52) Acenaphthene	14.340	153	1280882	31.838	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	162347	33.809	ng/ul	92
55) 4-Nitrophenol	14.522	109	216870	31.206	ng/ul	89
56) Dibenzofuran	14.675	168	1777009	32.511	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	463279	33.194	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	338142	30.856	ng/ul	100
59) Diethylphthalate	15.104	149	1511242	30.606	ng/ul	99
61) Fluorene	15.328	166	1404404	31.907	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	710321	33.319	ng/ul	99
63) 4-Nitroaniline	15.363	138	376640m	38.904	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	267902	36.430	ng/ul	96
67) N-Nitrosodiphenylamine	15.540	169	1248948	32.923	ng/ul	97
68) 4-Bromophenyl-phenylether	16.216	248	439609	32.967	ng/ul	97
69) Hexachlorobenzene	16.328	284	515770	34.127	ng/ul	92
70) Atrazine	16.498	200	159634	13.328	ng/ul	100
71) Pentachlorophenol	16.675	266	269382	27.859	ng/ul	97
72) Phenanthrene	17.063	178	2231085	31.824	ng/ul	99
74) Anthracene	17.157	178	2235251	31.465	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	619590	34.977	ng/ul	95
76) Pentachlorobenzene	14.587	250	608972	35.295	ng/ul	94
77) Carbazole	17.434	167	2134611	35.240	ng/ul	98
78) Di-n-butylphthalate	17.992	149	2645848	31.749	ng/ul	100
80) Fluoranthene	19.092	202	2637401	33.495	ng/ul	96
82) Pyrene	19.457	202	2713407	33.587	ng/ul	96
83) Butylbenzylphthalate	20.363	149	1221922	32.024	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.175	252	837149	35.457	ng/ul	97
85) Benzo(a)anthracene	21.245	228	2712349	32.912	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.163	149	1713829	30.812	ng/ul	99
87) Chrysene	21.304	228	2521176	32.752	ng/ul	97
89) Di-n-octyl phthalate	22.263	149	3082804	31.344	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2745466	31.265	ng/ul	98
91) Benzo(k)fluoranthene	23.316	252	2841071	32.972	ng/ul	95
93) Benzo(a)pyrene	24.039	252	2467869	30.007	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.451	276	3381843	35.684	ng/ul	98
95) Dibenzo(a,h)anthracene	27.504	278	2750153	35.544	ng/ul	96
96) Benzo(g,h,i)perylene	28.474	276	2633105	34.951	ng/ul	94

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

