

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032229.D
 Acq On : 25 Jun 2024 05:29
 Operator : MA/JU
 Sample : PB161672BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS672

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 06:00:26 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	314768	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1211655	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.269	164	729670	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.022	188	1453567	20.000	ng/u1	-0.01
79) Chrysene-d12	21.263	240	1289600	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1549737	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	49668	6.528	ng/uL	0.00
4) Pyridine-d5	3.564	84	513413	23.971	ng/u1	0.00
7) Phenol-d5	6.810	99	721524	26.738	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	388045	24.585	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	621099	30.166	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	576159	26.193	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	299208	32.297	ng/u1	0.00
24) 2-Nitrophenol-d4	9.499	143	334381	34.941	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	573741	32.114	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.551	131	684534	25.806	ng/u1	-0.01
46) Dimethylphthalate-d6	13.692	166	1568931	30.864	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1868292	31.964	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.504	143	297114	29.192	ng/u1	0.00
60) Fluorene-d10	15.269	176	1345952	31.293	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	256308	35.080	ng/u1	0.00
73) Anthracene-d10	17.122	188	1993739	32.038	ng/u1	0.00
81) Pyrene-d10	19.427	212	2294844	33.254	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	2391795	32.321	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	79781	9.800	ng/uL	97
5) Pyridine	3.581	79	539057	25.172	ng/u1	99
6) Benzaldehyde	6.781	77	359992	28.443	ng/u1	95
8) Phenol	6.840	94	740543	26.966	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.063	93	589610	25.965	ng/u1	96
12) 2-Chlorophenol	7.193	128	644786	29.925	ng/u1	95
13) 2-Methylphenol	8.075	108	558792	26.345	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.146	45	624546	23.892	ng/u1	99
16) Acetophenone	8.452	105	872094	26.161	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	395074	22.871	ng/u1#	95
18) 4-Methylphenol	8.404	108	605252	26.324	ng/u1	99
19) Hexachloroethane	8.687	117	272419	29.857	ng/u1	89
22) Nitrobenzene	8.828	77	632844	28.671	ng/u1	93
23) Isophorone	9.351	82	1158367	25.583	ng/u1	95
25) 2-Nitrophenol	9.534	139	356559	34.102	ng/u1	93
26) 2,4-Dimethylphenol	9.593	107	538828	26.491	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	753176	26.690	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	574012	32.539	ng/u1	98
30) Naphthalene	10.451	128	1936718	30.885	ng/u1	99
32) 4-Chloroaniline	10.575	127	658400	25.565	ng/u1	97
33) Hexachlorobutadiene	10.728	225	368627	34.792	ng/u1	95
34) Caprolactam	11.369	113	179910	26.128	ng/u1	81
35) 4-Chloro-3-methylphenol	11.710	107	595716	28.891	ng/u1	99
36) 2-Methylnaphthalene	12.075	142	1285843	29.999	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.292	142	1300618	30.242	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	670536	34.748	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	231174	20.785	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	419052	31.994	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	460658	32.365	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	1637583	31.907	ng/ul	96
44) 2-Chloronaphthalene	13.145	162	1294342	32.199	ng/ul	97
45) 2-Nitroaniline	13.363	65	331274	28.430	ng/ul#	85
47) Dimethylphthalate	13.739	163	1588591	30.557	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	333483	32.271	ng/ul	97
50) Acenaphthylene	13.992	152	2057031	31.140	ng/ul	99
51) 3-Nitroaniline	14.198	138	359666	32.553	ng/ul	89
52) Acenaphthene	14.334	153	1360982	31.138	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	171666	32.906	ng/ul	92
55) 4-Nitrophenol	14.522	109	225313	29.842	ng/ul	89
56) Dibenzofuran	14.675	168	1873903	31.556	ng/ul	97
57) 2,4-Dinitrotoluene	14.663	165	479907	31.650	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.904	232	352994	29.649	ng/ul	98
59) Diethylphthalate	15.104	149	1588873	29.619	ng/ul	99
61) Fluorene	15.328	166	1482773	31.008	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	714885	30.865	ng/ul	95
63) 4-Nitroaniline	15.369	138	387485m	36.840	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	277731	35.758	ng/ul	97
67) N-Nitrosodiphenylamine	15.539	169	1322790	33.015	ng/ul	100
68) 4-Bromophenyl-phenylether	16.216	248	472938	33.580	ng/ul	99
69) Hexachlorobenzene	16.322	284	537104	33.648	ng/ul	96
70) Atrazine	16.498	200	169628	13.409	ng/ul	97
71) Pentachlorophenol	16.680	266	282796	27.691	ng/ul	98
72) Phenanthrene	17.069	178	2377682	32.111	ng/ul	100
74) Anthracene	17.157	178	2348415	31.300	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	657692	35.153	ng/ul	97
76) Pentachlorobenzene	14.586	250	638267	35.025	ng/ul	95
77) Carbazole	17.433	167	2230391	34.862	ng/ul	99
78) Di-n-butylphthalate	17.998	149	2761653	31.376	ng/ul	100
80) Fluoranthene	19.092	202	2728968	33.089	ng/ul	95
82) Pyrene	19.457	202	2870200	33.920	ng/ul	94
83) Butylbenzylphthalate	20.363	149	1255645	31.418	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.174	252	851128	34.417	ng/ul	97
85) Benzo(a)anthracene	21.245	228	2740841	31.753	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1762942	30.261	ng/ul	96
87) Chrysene	21.304	228	2631813	32.642	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	3134264	30.209	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2834660	30.602	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	2805541	30.865	ng/ul	98
93) Benzo(a)pyrene	24.033	252	2506698	28.893	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.445	276	3409425m	34.103	ng/ul	
95) Dibenzo(a,h)anthracene	27.503	278	2811854	34.450	ng/ul	96
96) Benzo(g,h,i)perylene	28.468	276	2732538	34.384	ng/ul	95

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

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