

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030649.D
 Acq On : 04 Apr 2024 05:16
 Operator : MA/JU
 Sample : PB159945BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS945

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 04 05:47:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	284192	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1276751	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	824101	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1615181	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1110852	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1065274	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	44868	7.402	ng/uL	0.00
4) Pyridine-d5	3.599	84	613638	33.765	ng/u1	0.00
7) Phenol-d5	6.863	99	890165	38.720	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	513384	36.155	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	724615	41.549	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	723078	37.528	ng/u1	0.00
21) Nitrobenzene-d5	8.851	128	373720	42.196	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	403882	49.848	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	740571	41.751	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	1082343	37.064	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	2120636	38.542	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2463766	38.945	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	406351	38.610	ng/u1	0.01
60) Fluorene-d10	15.333	176	1768345	36.727	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	295844	41.497	ng/u1	0.01
73) Anthracene-d10	17.186	188	2626043	37.735	ng/u1	0.00
81) Pyrene-d10	19.486	212	2813330	47.106	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	2061639	42.001	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	86791	13.367	ng/uL	98
5) Pyridine	3.616	79	581409	31.704	ng/u1	97
6) Benzaldehyde	6.846	77	454310	42.435	ng/u1	99
8) Phenol	6.893	94	863165	36.041	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.128	93	687948	35.225	ng/u1	99
12) 2-Chlorophenol	7.257	128	714170	38.173	ng/u1	98
13) 2-Methylphenol	8.134	108	666799	36.131	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	909744	33.081	ng/u1	98
16) Acetophenone	8.516	105	1051275	34.557	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.510	70	533063	34.791	ng/u1	97
18) 4-Methylphenol	8.469	108	731075	35.386	ng/u1	99
19) Hexachloroethane	8.763	117	297793	37.966	ng/u1	98
22) Nitrobenzene	8.893	77	804603	37.215	ng/u1	100
23) Isophorone	9.422	82	1576757	36.569	ng/u1	99
25) 2-Nitrophenol	9.598	139	413780	43.454	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	713837	33.728	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.898	93	966420	35.252	ng/u1	100
29) 2,4-Dichlorophenol	10.128	162	681804	37.658	ng/u1	97
30) Naphthalene	10.528	128	2330471	35.589	ng/u1	99
32) 4-Chloroaniline	10.646	127	914221	32.485	ng/u1	99
33) Hexachlorobutadiene	10.810	225	432589	37.959	ng/u1	96
34) Caprolactam	11.434	113	246284m	36.412	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	769433	37.732	ng/u1	97
36) 2-Methylnaphthalene	12.145	142	1595958	34.899	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1609349	34.668	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	817723	38.449	ng/ul	97
40) Hexachlorocyclopentadiene	12.492	237	374267	30.988	ng/ul	97
41) 2,4,6-Trichlorophenol	12.763	196	561861	42.277	ng/ul	100
42) 2,4,5-Trichlorophenol	12.834	196	606445	40.406	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	2041663	36.347	ng/ul	96
44) 2-Chloronaphthalene	13.210	162	1629480	36.851	ng/ul	99
45) 2-Nitroaniline	13.422	65	477455	40.574	ng/ul	97
47) Dimethylphthalate	13.804	163	2065985	36.349	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	442063	41.950	ng/ul	99
50) Acenaphthylene	14.057	152	2684676	36.729	ng/ul	100
51) 3-Nitroaniline	14.251	138	469729	41.996	ng/ul	98
52) Acenaphthene	14.404	153	1758811	36.108	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	179066	36.996	ng/ul	95
55) 4-Nitrophenol	14.563	109	296497	35.559	ng/ul	97
56) Dibenzofuran	14.739	168	2382711	35.190	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	628064	40.823	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.963	232	499152	40.044	ng/ul	98
59) Diethylphthalate	15.175	149	2124810	36.799	ng/ul	99
61) Fluorene	15.392	166	1853712	34.443	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.386	204	905909	34.309	ng/ul	97
63) 4-Nitroaniline	15.422	138	490418	45.100	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	306576	40.021	ng/ul	94
67) N-Nitrosodiphenylamine	15.604	169	1659807	37.734	ng/ul	98
68) 4-Bromophenyl-phenylether	16.286	248	607589	39.615	ng/ul	98
69) Hexachlorobenzene	16.386	284	664215	36.778	ng/ul	96
70) Atrazine	16.563	200	507693	33.300	ng/ul	99
71) Pentachlorophenol	16.733	266	433571	40.717	ng/ul	93
72) Phenanthrene	17.133	178	2997434	36.121	ng/ul	98
74) Anthracene	17.222	178	3032620	36.150	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	812284	40.935	ng/ul	96
76) Pentachlorobenzene	14.651	250	781013	38.750	ng/ul	98
77) Carbazole	17.498	167	2787804	37.894	ng/ul	99
78) Di-n-butylphthalate	18.063	149	3743615	41.712	ng/ul	100
80) Fluoranthene	19.151	202	3287500	46.305	ng/ul	99
82) Pyrene	19.516	202	3279103	43.733	ng/ul	100
83) Butylbenzylphthalate	20.427	149	1554105	54.275	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	807018	39.537	ng/ul	99
85) Benzo(a)anthracene	21.310	228	2753335	37.139	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	2183454	51.707	ng/ul	98
87) Chrysene	21.374	228	2629869	37.583	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	3607284	53.472	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2428309	38.733	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	2471460	38.818	ng/ul	99
93) Benzo(a)pyrene	24.139	252	2290688	38.679	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.586	276	2716017	42.425	ng/ul	98
95) Dibenzo(a,h)anthracene	27.650	278	2227473	41.331	ng/ul	95
96) Benzo(g,h,i)perylene	28.627	276	2193985	43.654	ng/ul	99

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

