

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031191.D
 Acq On : 24 Apr 2024 16:45
 Operator : MA/JU
 Sample : PB160465BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS465

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :Sohil Jodhani 04/24/2024

Quant Time: Apr 24 17:22:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	149551	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	689590	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	465937	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	1042059	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1095061	20.000	ng/u1	0.00
88) Perylene-d12	24.163	264	1204424	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	20181	6.305	ng/uL	0.00
4) Pyridine-d5	3.546	84	265910	28.845	ng/u1	0.00
7) Phenol-d5	6.805	99	376375	29.834	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	219209	29.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	306644	31.218	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	311651	29.375	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	151033	30.483	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	162287	31.511	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	312572	30.776	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	419529	26.433	ng/u1	0.00
46) Dimethylphthalate-d6	13.693	166	937480	28.914	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1100572	29.954	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	196729	29.070	ng/u1	0.00
60) Fluorene-d10	15.275	176	830714	29.431	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	137414	26.137	ng/u1	0.00
73) Anthracene-d10	17.128	188	1346011	29.801	ng/u1	0.00
81) Pyrene-d10	19.428	212	1685662	31.326	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1774168	31.063	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	32486	9.576	ng/uL#	86
5) Pyridine	3.570	79	263761	28.354	ng/u1	96
6) Benzaldehyde	6.781	77	197224	31.839	ng/u1	96
8) Phenol	6.834	94	387929	29.826	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.063	93	291495	28.404	ng/u1	99
12) 2-Chlorophenol	7.193	128	313138	30.669	ng/u1	98
13) 2-Methylphenol	8.075	108	291784	28.948	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	385866	28.839	ng/u1	99
16) Acetophenone	8.452	105	465989	28.348	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.440	70	226580	27.653	ng/u1	100
18) 4-Methylphenol	8.399	108	323202	28.626	ng/u1	96
19) Hexachloroethane	8.693	117	121712	28.727	ng/u1	98
22) Nitrobenzene	8.828	77	341073	29.167	ng/u1	99
23) Isophorone	9.352	82	657358	27.546	ng/u1	99
25) 2-Nitrophenol	9.534	139	175387	30.780	ng/u1	94
26) 2,4-Dimethylphenol	9.593	107	317191	27.295	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.834	93	408206	28.161	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	310612	30.619	ng/u1	99
30) Naphthalene	10.457	128	1020826	28.564	ng/u1	98
32) 4-Chloroaniline	10.575	127	382643	24.812	ng/u1	100
33) Hexachlorobutadiene	10.734	225	176307	28.509	ng/u1	97
34) Caprolactam	11.357	113	107235	26.830	ng/u1	96
35) 4-Chloro-3-methylphenol	11.710	107	341087	29.000	ng/u1	96
36) 2-Methylnaphthalene	12.081	142	715723	28.399	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	725284	28.441	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.446	216	367503	30.143	ng/ul	99
40) Hexachlorocyclopentadiene	12.422	237	128069	19.122	ng/ul	94
41) 2,4,6-Trichlorophenol	12.698	196	244166	30.087	ng/ul	92
42) 2,4,5-Trichlorophenol	12.769	196	274093	30.463	ng/ul	98
43) 1,1'-Biphenyl	13.104	154	928847	28.986	ng/ul	97
44) 2-Chloronaphthalene	13.146	162	734195	28.672	ng/ul	96
45) 2-Nitroaniline	13.363	65	215438	30.476	ng/ul	98
47) Dimethylphthalate	13.740	163	933326	27.903	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	185748	29.583	ng/ul	97
50) Acenaphthylene	13.998	152	1205768	28.094	ng/ul	99
51) 3-Nitroaniline	14.193	138	210309	29.176	ng/ul	98
52) Acenaphthene	14.340	153	781879	27.481	ng/ul	96
53) 2,4-Dinitrophenol	14.404	184	84057	23.672	ng/ul	94
55) 4-Nitrophenol	14.510	109	154247	28.085	ng/ul	97
56) Dibenzofuran	14.681	168	1108517	28.180	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	287667	30.152	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	236585	30.425	ng/ul	99
59) Diethylphthalate	15.110	149	968727	28.161	ng/ul	100
61) Fluorene	15.328	166	906717	28.009	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.328	204	423177	27.445	ng/ul	98
63) 4-Nitroaniline	15.363	138	243797m	31.369	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	153417	27.177	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	809850	28.995	ng/ul	98
68) 4-Bromophenyl-phenylether	16.222	248	279074	28.318	ng/ul	94
69) Hexachlorobenzene	16.328	284	324258	28.541	ng/ul	97
70) Atrazine	16.504	200	269889	27.523	ng/ul	97
71) Pentachlorophenol	16.681	266	211576	28.664	ng/ul	97
72) Phenanthrene	17.069	178	1544525	28.023	ng/ul	99
74) Anthracene	17.163	178	1532006	27.466	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.063	216	367374	30.056	ng/uL	97
76) Pentachlorobenzene	14.592	250	364526	28.880	ng/uL	97
77) Carbazole	17.439	167	1495964	29.361	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1795468	28.911	ng/ul	99
80) Fluoranthene	19.092	202	1938168	30.433	ng/ul	99
82) Pyrene	19.463	202	2042893	30.530	ng/ul	97
83) Butylbenzylphthalate	20.375	149	894636	30.300	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	666838	29.225	ng/ul	92
85) Benzo(a)anthracene	21.251	228	2116801	28.466	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.174	149	1290542	29.111	ng/ul	98
87) Chrysene	21.310	228	2053790	29.096	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2387163	34.385	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2229279	32.896	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	2119545	31.097	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1797626	26.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.415	276	2244623	26.756	ng/ul	99
95) Dibenzo(a,h)anthracene	27.474	278	1829924	26.576	ng/ul	96
96) Benzo(g,h,i)perylene	28.421	276	1716650	25.410	ng/ul	97

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

