

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031123.D
 Acq On : 22 Apr 2024 15:37
 Operator : MA/JU
 Sample : PB160113BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS113

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 00:03:34 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	7.634	152	114913	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	527280	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	355566	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	788233	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	909223	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1101531	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	19727	8.020	ng/uL	0.00
4) Pyridine-d5	3.552	84	214181	30.237	ng/u1	0.00
7) Phenol-d5	6.805	99	351810	36.293	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	198183	35.140	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	278360	36.880	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	285831	35.062	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	139497	36.821	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	145113	36.849	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	285082	36.709	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	331218	27.292	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	872699	35.271	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1027239	36.637	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	189459	36.686	ng/u1	0.00
60) Fluorene-d10	15.275	176	785841	36.484	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	137587	34.597	ng/u1	0.00
73) Anthracene-d10	17.128	188	1258538	36.837	ng/u1	0.00
81) Pyrene-d10	19.433	212	1637606	36.653	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1969662	37.707	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	27826	10.675	ng/uL	92
5) Pyridine	3.569	79	233651	32.688	ng/u1	97
6) Benzaldehyde	6.787	77	194799	40.926	ng/u1	99
8) Phenol	6.834	94	352405	35.261	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	260938	33.091	ng/u1	97
12) 2-Chlorophenol	7.199	128	279297	35.600	ng/u1	99
13) 2-Methylphenol	8.075	108	263332	34.001	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.152	45	348913	33.938	ng/u1	98
16) Acetophenone	8.457	105	417177	33.028	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.440	70	203537	32.329	ng/u1	100
18) 4-Methylphenol	8.405	108	294670	33.966	ng/u1	99
19) Hexachloroethane	8.699	117	109220	33.550	ng/u1	99
22) Nitrobenzene	8.834	77	306259	34.252	ng/u1	98
23) Isophorone	9.352	82	592263	32.458	ng/u1	99
25) 2-Nitrophenol	9.534	139	157988	36.261	ng/u1	95
26) 2,4-Dimethylphenol	9.599	107	280824	31.604	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.840	93	369483	33.336	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	274276	35.360	ng/u1	99
30) Naphthalene	10.463	128	917128	33.562	ng/u1	99
32) 4-Chloroaniline	10.581	127	362034	30.702	ng/u1	98
33) Hexachlorobutadiene	10.740	225	160930	34.033	ng/u1	99
34) Caprolactam	11.357	113	101550	33.228	ng/u1	97
35) 4-Chloro-3-methylphenol	11.710	107	308100	34.259	ng/u1	96
36) 2-Methylnaphthalene	12.081	142	645561	33.500	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	653266	33.502	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.451	216	328837	35.343	ng/ul	94
40) Hexachlorocyclopentadiene	12.428	237	131934	25.814	ng/ul	94
41) 2,4,6-Trichlorophenol	12.698	196	215225	34.753	ng/ul	96
42) 2,4,5-Trichlorophenol	12.775	196	246720	35.932	ng/ul	98
43) 1,1'-Biphenyl	13.110	154	843714	34.502	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	661711	33.863	ng/ul	99
45) 2-Nitroaniline	13.363	65	198942	36.878	ng/ul	97
47) Dimethylphthalate	13.745	163	840995	32.947	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	168292	35.122	ng/ul	99
50) Acenaphthylene	13.998	152	1103863	33.704	ng/ul	99
51) 3-Nitroaniline	14.198	138	206621	37.561	ng/ul#	92
52) Acenaphthene	14.345	153	709039	32.657	ng/ul	95
53) 2,4-Dinitrophenol	14.404	184	83998	30.999	ng/ul	98
55) 4-Nitrophenol	14.510	109	147533	35.201	ng/ul	96
56) Dibenzofuran	14.681	168	1020020	33.979	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	260950	35.842	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	201774	34.003	ng/ul	94
59) Diethylphthalate	15.116	149	883952	33.673	ng/ul	98
61) Fluorene	15.334	166	833912	33.756	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.334	204	395009	33.570	ng/ul	98
63) 4-Nitroaniline	15.363	138	229562m	38.706	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	148559	34.790	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	739245	34.990	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	255998	34.342	ng/ul	89
69) Hexachlorobenzene	16.328	284	299578	34.860	ng/ul	98
70) Atrazine	16.504	200	120165	16.200	ng/ul	97
71) Pentachlorophenol	16.681	266	178685	32.003	ng/ul	89
72) Phenanthrene	17.075	178	1439781	34.534	ng/ul	99
74) Anthracene	17.163	178	1436995	34.059	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	331597	35.865	ng/uL	96
76) Pentachlorobenzene	14.592	250	326455	34.193	ng/uL	95
77) Carbazole	17.439	167	1399254	36.307	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1679450	35.751	ng/ul	100
80) Fluoranthene	19.098	202	1845706	34.905	ng/ul	100
82) Pyrene	19.463	202	1941679	34.948	ng/ul	99
83) Butylbenzylphthalate	20.374	149	890493	36.324	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	687498	36.289	ng/ul	94
85) Benzo(a)anthracene	21.251	228	2100056	34.014	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1293202	35.133	ng/ul	99
87) Chrysene	21.310	228	2042419	34.849	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	2481148	39.077	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2275055	36.707	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	2318873	37.199	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1976619	31.969	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.433	276	2532790m	33.011	ng/ul	
95) Dibenzo(a,h)anthracene	27.480	278	2089435	33.179	ng/ul	93
96) Benzo(g,h,i)perylene	28.433	276	1956557	31.667	ng/ul	98

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

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