

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030891.D
 Acq On : 13 Apr 2024 22:01
 Operator : MA/JU
 Sample : PB160170BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS170

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 14 22:57:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 14 22:12:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	170878	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	764139	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	513444	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1093929	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1193396	20.000	ng/u1	0.00
88) Perylene-d12	24.216	264	1411481	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	30304	8.315	ng/uL	0.00
4) Pyridine-d5	3.581	84	366634	33.551	ng/u1	0.00
7) Phenol-d5	6.840	99	501590	36.286	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	283538	33.209	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	395585	37.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	393613	33.975	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	196265	37.026	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	201031	41.456	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	393058	37.025	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	575005	32.900	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	1208785	35.262	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1420484	36.040	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	264516	40.340	ng/u1	0.00
60) Fluorene-d10	15.304	176	1059787	35.328	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	181035	37.493	ng/u1	0.00
73) Anthracene-d10	17.157	188	1710884	36.299	ng/u1	0.00
81) Pyrene-d10	19.457	212	2164879	33.741	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	2411363	37.076	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	43841	11.229	ng/uL	99
5) Pyridine	3.599	79	368949	33.460	ng/u1	99
6) Benzaldehyde	6.816	77	264528	41.093	ng/u1	98
8) Phenol	6.864	94	509766	35.400	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	385843	32.857	ng/u1	99
12) 2-Chlorophenol	7.228	128	407179	36.197	ng/u1	96
13) 2-Methylphenol	8.105	108	378803	34.137	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.187	45	508339	30.743	ng/u1	99
16) Acetophenone	8.487	105	596496	32.610	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.475	70	291553	31.647	ng/u1	98
18) 4-Methylphenol	8.434	108	422950	34.047	ng/u1	100
19) Hexachloroethane	8.734	117	155656	33.004	ng/u1	96
22) Nitrobenzene	8.863	77	446388	34.497	ng/u1	99
23) Isophorone	9.387	82	846471	32.801	ng/u1	99
25) 2-Nitrophenol	9.569	139	226080	39.669	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	378784	29.904	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	526906	32.114	ng/u1	100
29) 2,4-Dichlorophenol	10.099	162	389756	35.969	ng/u1	97
30) Naphthalene	10.499	128	1303101	33.250	ng/u1	100
32) 4-Chloroaniline	10.610	127	548957	32.591	ng/u1	99
33) Hexachlorobutadiene	10.775	225	223093	32.709	ng/u1	99
34) Caprolactam	11.393	113	145732m	36.000	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	433177	35.493	ng/u1	100
36) 2-Methylnaphthalene	12.116	142	906527	33.122	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	933081	33.584	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	457572	34.533	ng/ul	100
40) Hexachlorocyclopentadiene	12.463	237	187346	24.897	ng/ul	97
41) 2,4,6-Trichlorophenol	12.734	196	310705	37.524	ng/ul	95
42) 2,4,5-Trichlorophenol	12.799	196	343332	36.716	ng/ul	96
43) 1,1'-Biphenyl	13.140	154	1184313	33.841	ng/ul	98
44) 2-Chloronaphthalene	13.181	162	922760	33.495	ng/ul	98
45) 2-Nitroaniline	13.393	65	278047	37.925	ng/ul	98
47) Dimethylphthalate	13.775	163	1205893	34.054	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	242572	36.946	ng/ul	93
50) Acenaphthylene	14.028	152	1523914	33.463	ng/ul	100
51) 3-Nitroaniline	14.222	138	288369	41.381	ng/ul	99
52) Acenaphthene	14.375	153	1003473	33.065	ng/ul	99
53) 2,4-Dinitrophenol	14.428	184	106257	35.236	ng/ul	96
55) 4-Nitrophenol	14.534	109	202201	38.922	ng/ul	96
56) Dibenzofuran	14.710	168	1442285	34.189	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	374077	39.025	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.934	232	297919	38.361	ng/ul	95
59) Diethylphthalate	15.145	149	1238862	34.437	ng/ul	100
61) Fluorene	15.363	166	1160441	34.608	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	547472	33.279	ng/ul	99
63) 4-Nitroaniline	15.393	138	323211	47.707	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.445	198	197505	38.068	ng/ul	95
67) N-Nitrosodiphenylamine	15.575	169	1058442	35.528	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	352454	33.930	ng/ul	99
69) Hexachlorobenzene	16.357	284	410749	33.580	ng/ul	96
70) Atrazine	16.534	200	368233	35.661	ng/ul	98
71) Pentachlorophenol	16.704	266	282678	39.196	ng/ul	98
72) Phenanthrene	17.104	178	1997850	35.547	ng/ul	99
74) Anthracene	17.192	178	2004090	35.273	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.099	216	467539	34.789	ng/ul	98
76) Pentachlorobenzene	14.628	250	459573	33.667	ng/ul	95
77) Carbazole	17.469	167	1992478	39.988	ng/ul	99
78) Di-n-butylphthalate	18.034	149	2310027	38.003	ng/ul	99
80) Fluoranthene	19.122	202	2535110	33.238	ng/ul	99
82) Pyrene	19.492	202	2719638	33.763	ng/ul	97
83) Butylbenzylphthalate	20.398	149	1169622	38.022	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.210	252	835604	38.106	ng/ul	96
85) Benzo(a)anthracene	21.280	228	2808861	35.267	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	1628251	35.892	ng/ul	97
87) Chrysene	21.339	228	2766612	36.802	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	3031752	33.918	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	3003919	36.162	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2957497	35.058	ng/ul	99
93) Benzo(a)pyrene	24.080	252	2448244	31.200	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.504	276	3151454	37.153	ng/ul	98
95) Dibenzo(a,h)anthracene	27.562	278	2594836	36.338	ng/ul	98
96) Benzo(g,h,i)perylene	28.521	276	2407304	36.150	ng/ul	97

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

