

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033869.D
 Acq On : 11 Sep 2024 20:12
 Operator : JU/RC
 Sample : PB163243BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS243

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 02:18:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	232486	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	1063541	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.139	164	715763	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.898	188	1501336	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	1458690	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1741359	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	30676	5.384	ng/uL	0.00
4) Pyridine-d5	3.499	84	457429	27.012	ng/u1	0.00
7) Phenol-d5	6.693	99	615168	29.814	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.852	67	349994	27.340	ng/u1	0.00
11) 2-Chlorophenol-d4	7.040	132	477984	29.430	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	506407	29.828	ng/u1	0.00
21) Nitrobenzene-d5	8.640	128	246887	29.124	ng/u1	0.00
24) 2-Nitrophenol-d4	9.351	143	265100	30.412	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.893	165	493873	30.084	ng/u1	0.00
31) 4-Chloroaniline-d4	10.398	131	648352	26.087	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	1503634	28.110	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	1733271	28.803	ng/u1	0.00
54) 4-Nitrophenol-d4	14.369	143	326241	29.718	ng/u1	0.00
60) Fluorene-d10	15.145	176	1296652	28.602	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.275	200	134334	15.007	ng/u1	0.00
73) Anthracene-d10	16.998	188	2026964	28.717	ng/u1	0.00
81) Pyrene-d10	19.304	212	2410525	29.659	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	2663914	29.781	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	53607	8.920	ng/uL	93
5) Pyridine	3.516	79	461310	26.621	ng/u1	95
6) Benzaldehyde	6.657	77	270994	24.881	ng/u1	96
8) Phenol	6.722	94	636779	29.642	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.940	93	461956	27.668	ng/u1	99
12) 2-Chlorophenol	7.069	128	494081	29.685	ng/u1	97
13) 2-Methylphenol	7.946	108	474019	29.522	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.028	45	684449	27.797	ng/u1	99
16) Acetophenone	8.316	105	772986	28.742	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.310	70	380335	28.559	ng/u1	95
18) 4-Methylphenol	8.275	108	527521	29.521	ng/u1	98
19) Hexachloroethane	8.557	117	189678	27.019	ng/u1	94
22) Nitrobenzene	8.681	77	582044	27.432	ng/u1	97
23) Isophorone	9.210	82	1123697	28.719	ng/u1	98
25) 2-Nitrophenol	9.387	139	281458	28.850	ng/u1	96
26) 2,4-Dimethylphenol	9.457	107	462287	23.033	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.693	93	660769	27.447	ng/u1	98
29) 2,4-Dichlorophenol	9.916	162	485980	29.236	ng/u1	99
30) Naphthalene	10.310	128	1609175	27.661	ng/u1	100
32) 4-Chloroaniline	10.428	127	604887	24.697	ng/u1	97
33) Hexachlorobutadiene	10.598	225	285406	26.763	ng/u1	98
34) Caprolactam	11.210	113	195033m	29.470	ng/u1	
35) 4-Chloro-3-methylphenol	11.569	107	576392	29.454	ng/u1	99
36) 2-Methylnaphthalene	11.928	142	1118904	27.922	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	1117961	27.562	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.310	216	572880	27.724	ng/ul	96
40) Hexachlorocyclopentadiene	12.292	237	211650	16.647	ng/ul	100
41) 2,4,6-Trichlorophenol	12.557	196	358693	26.185	ng/ul	100
42) 2,4,5-Trichlorophenol	12.634	196	406215	26.996	ng/ul	97
43) 1,1'-Biphenyl	12.969	154	1475658	27.346	ng/ul	98
44) 2-Chloronaphthalene	13.004	162	1179483	28.058	ng/ul	98
45) 2-Nitroaniline	13.216	65	390380	28.738	ng/ul	95
47) Dimethylphthalate	13.616	163	1516933	27.825	ng/ul	99
48) 2,6-Dinitrotoluene	13.728	165	322002	29.996	ng/ul	94
50) Acenaphthylene	13.857	152	1922256	29.192	ng/ul	99
51) 3-Nitroaniline	14.057	138	362912	30.591	ng/ul	95
52) Acenaphthene	14.204	153	1269349	27.001	ng/ul	99
53) 2,4-Dinitrophenol	14.263	184	71392	11.307	ng/ul	86
55) 4-Nitrophenol	14.386	109	259208	27.803	ng/ul	95
56) Dibenzofuran	14.545	168	1758491	27.354	ng/ul	100
57) 2,4-Dinitrotoluene	14.522	165	474944	29.347	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.781	232	310650	24.880	ng/ul	93
59) Diethylphthalate	14.992	149	1592401	27.952	ng/ul	100
61) Fluorene	15.198	166	1463507	27.829	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.204	204	705276	27.669	ng/ul	98
63) 4-Nitroaniline	15.228	138	412946	33.826	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.286	198	145324	14.620	ng/ul	98
67) N-Nitrosodiphenylamine	15.416	169	1265700	28.134	ng/ul	97
68) 4-Bromophenyl-phenylether	16.098	248	450752	29.566	ng/ul	95
69) Hexachlorobenzene	16.204	284	531335	30.027	ng/ul	95
70) Atrazine	16.380	200	12110	0.743	ng/ul	98
71) Pentachlorophenol	16.551	266	286389	24.301	ng/ul	98
72) Phenanthrene	16.939	178	2366854	28.591	ng/ul	100
74) Anthracene	17.028	178	2411620	28.529	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.928	216	577629	27.645	ng/uL	100
76) Pentachlorobenzene	14.463	250	580198	27.271	ng/uL	96
77) Carbazole	17.304	167	2267429	29.144	ng/ul	99
78) Di-n-butylphthalate	17.886	149	2882162	29.142	ng/ul	99
80) Fluoranthene	18.963	202	2826325	29.746	ng/ul	99
82) Pyrene	19.333	202	2970142	29.078	ng/ul	97
83) Butylbenzylphthalate	20.263	149	1378542	30.095	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.051	252	806905	24.627	ng/ul	99
85) Benzo(a)anthracene	21.116	228	3005336	28.897	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.068	149	2031496	30.300	ng/ul	97
87) Chrysene	21.174	228	2882514	29.047	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	3716212	32.072	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3169019	29.849	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	3240396	30.939	ng/ul	98
93) Benzo(a)pyrene	23.786	252	2895570	28.871	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.003	276	3445466	27.726	ng/ul	97
95) Dibenzo(a,h)anthracene	27.062	278	2900767	28.878	ng/ul	97
96) Benzo(g,h,i)perylene	27.974	276	2675986	27.739	ng/ul	97

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

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