

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050624\
 Data File : BN031415.D
 Acq On : 07 May 2024 01:14
 Operator : MA/JU
 Sample : PB160715BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS715

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 07 02:13:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 14:17:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	250075	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	1059106	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.246	164	657471	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	732975	20.000	ng/u1	0.00
79) Chrysene-d12	21.233	240	536595	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	550805	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	29533	5.111	ng/uL	0.00
4) Pyridine-d5	3.523	84	421901	28.092	ng/u1	0.00
7) Phenol-d5	6.775	99	549414	28.814	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	329622	30.612	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	458739	28.848	ng/u1	0.00
15) 4-Methylphenol-d8	8.311	113	450751	28.508	ng/u1	0.00
21) Nitrobenzene-d5	8.758	128	225887	28.308	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	245489	27.839	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	452871	28.573	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	711331	32.234	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	1387211	29.323	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	1570189	30.159	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	253090	30.093	ng/u1	0.00
60) Fluorene-d10	15.245	176	1131754	29.272	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	208899	46.595	ng/u1	0.00
73) Anthracene-d10	17.098	188	986351	30.901	ng/u1	0.00
81) Pyrene-d10	19.404	212	1013477	33.260	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	823552	31.344	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	62236	10.792	ng/uL	98
5) Pyridine	3.540	79	409891	27.136	ng/u1	98
6) Benzaldehyde	6.752	77	322763	35.705	ng/u1	95
8) Phenol	6.805	94	565545	29.320	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.034	93	445118	28.953	ng/u1	97
12) 2-Chlorophenol	7.164	128	461507	27.764	ng/u1	99
13) 2-Methylphenol	8.040	108	420731	28.182	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.116	45	576255	34.160	ng/u1	94
16) Acetophenone	8.422	105	670149	26.790	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.411	70	342016	27.679	ng/u1	99
18) 4-Methylphenol	8.369	108	470890	29.185	ng/u1	94
19) Hexachloroethane	8.658	117	188792	25.734	ng/u1	97
22) Nitrobenzene	8.799	77	510315	26.992	ng/u1	96
23) Isophorone	9.322	82	989136	27.521	ng/u1	99
25) 2-Nitrophenol	9.499	139	264652	27.906	ng/u1	93
26) 2,4-Dimethylphenol	9.563	107	472319	25.522	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.805	93	607151	28.951	ng/u1	98
29) 2,4-Dichlorophenol	10.028	162	447708	28.565	ng/u1	99
30) Naphthalene	10.422	128	1455087	26.654	ng/u1	99
32) 4-Chloroaniline	10.546	127	590680	27.696	ng/u1	100
33) Hexachlorobutadiene	10.699	225	266835	24.289	ng/u1	97
34) Caprolactam	11.334	113	153698m	30.320	ng/u1	
35) 4-Chloro-3-methylphenol	11.675	107	508404	27.900	ng/u1	95
36) 2-Methylnaphthalene	12.046	142	1025148	27.507	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	1052490	28.218	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	524821	28.472	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	264775	21.738	ng/ul	99
41) 2,4,6-Trichlorophenol	12.669	196	361319	29.565	ng/ul	97
42) 2,4,5-Trichlorophenol	12.740	196	391630	29.790	ng/ul	97
43) 1,1'-Biphenyl	13.075	154	1352685	29.048	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	1050080	28.576	ng/ul	96
45) 2-Nitroaniline	13.334	65	317018	30.278	ng/ul	96
47) Dimethylphthalate	13.716	163	1382686	28.559	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	278379	28.807	ng/ul	98
50) Acenaphthylene	13.969	152	1696885	28.235	ng/ul	99
51) 3-Nitroaniline	14.169	138	296590	31.104	ng/ul	98
52) Acenaphthene	14.310	153	1108229	27.693	ng/ul	99
53) 2,4-Dinitrophenol	14.381	184	145332	25.251	ng/ul	87
55) 4-Nitrophenol	14.487	109	210398	24.184	ng/ul#	81
56) Dibenzofuran	14.651	168	1560224	29.163	ng/ul	94
57) 2,4-Dinitrotoluene	14.628	165	407710	29.011	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.881	232	332844	29.436	ng/ul	91
59) Diethylphthalate	15.087	149	1402986	27.848	ng/ul	99
61) Fluorene	15.298	166	1221835	27.434	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.298	204	583079	26.307	ng/ul	97
63) 4-Nitroaniline	15.340	138	280637	33.190	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.393	198	228582	48.928	ng/ul	97
67) N-Nitrosodiphenylamine	15.522	169	1115151	53.897	ng/ul	100
68) 4-Bromophenyl-phenylether	16.198	248	311802	42.243	ng/ul	95
69) Hexachlorobenzene	16.298	284	290595	33.189	ng/ul	97
70) Atrazine	16.481	200	327293	47.017	ng/ul	95
71) Pentachlorophenol	16.651	266	212284	37.880	ng/ul	97
72) Phenanthrene	17.045	178	1135186	30.014	ng/ul	99
74) Anthracene	17.134	178	1119805	29.077	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	515924	52.346	ng/ul	97
76) Pentachlorobenzene	14.563	250	505764	51.135	ng/ul	96
77) Carbazole	17.410	167	1018224	30.552	ng/ul	99
78) Di-n-butylphthalate	17.975	149	1387194	30.250	ng/ul	100
80) Fluoranthene	19.069	202	1197018	32.621	ng/ul	99
82) Pyrene	19.433	202	1242846	32.451	ng/ul	99
83) Butylbenzylphthalate	20.345	149	568723	33.484	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.151	252	310952	31.155	ng/ul	98
85) Benzo(a)anthracene	21.216	228	1094920	30.428	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.145	149	770464	32.032	ng/ul	99
87) Chrysene	21.275	228	1030176	30.407	ng/ul	96
89) Di-n-octyl phthalate	22.239	149	1241803	31.605	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	969460	29.398	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	994641	30.613	ng/ul	98
93) Benzo(a)pyrene	23.974	252	828700	27.540	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.339	276	1775011	49.473	ng/ul	97
95) Dibenzo(a,h)anthracene	27.386	278	1459120	48.835	ng/ul	95
96) Benzo(g,h,i)perylene	28.345	276	1392166	48.166	ng/ul	98

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

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