

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041724\
 Data File : BN030999.D
 Acq On : 18 Apr 2024 07:17
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020364

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/19/2024

Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 18 07:47:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Apr 17 22:24:16 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	138403	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	652282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	453229	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	1000694	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	1066491	20.000	ng/u1	0.00
88) Perylene-d12	24.169	264	1332679	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	24081	8.158	ng/uL	0.00
4) Pyridine-d5	3.558	84	178101	20.123	ng/u1	0.00
7) Phenol-d5	6.811	99	240235	21.457	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	147256	21.294	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	187660	22.095	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	201630	21.488	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	95000	20.995	ng/u1	0.00
24) 2-Nitrophenol-d4	9.511	143	93930	22.692	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	198611	21.917	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	311960	20.910	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	672960	22.239	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	769863	22.128	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	133545	23.072	ng/u1	0.00
60) Fluorene-d10	15.281	176	573859	21.671	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	88621	20.064	ng/u1	0.00
73) Anthracene-d10	17.134	188	951012	22.057	ng/u1	0.00
81) Pyrene-d10	19.433	212	1141724	19.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.969	264	1334245	21.728	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	27060	8.557	ng/uL	95
5) Pyridine	3.576	79	181826	20.359	ng/u1	97
6) Benzaldehyde	6.793	77	140308	26.910	ng/u1	96
8) Phenol	6.840	94	257082	22.041	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.075	93	207559	21.822	ng/u1	100
12) 2-Chlorophenol	7.205	128	198088	21.741	ng/u1	99
13) 2-Methylphenol	8.081	108	192321	21.398	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.164	45	285477	21.316	ng/u1	99
16) Acetophenone	8.458	105	329703	22.254	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.446	70	160897	21.563	ng/u1	94
18) 4-Methylphenol	8.411	108	214379	21.307	ng/u1	97
19) Hexachloroethane	8.705	117	80419	21.052	ng/u1	97
22) Nitrobenzene	8.834	77	235436	21.315	ng/u1	100
23) Isophorone	9.358	82	470725	21.369	ng/u1	99
25) 2-Nitrophenol	9.540	139	107659	22.130	ng/u1	97
26) 2,4-Dimethylphenol	9.605	107	231693	21.428	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.846	93	300210	21.435	ng/u1	100
29) 2,4-Dichlorophenol	10.069	162	200646	21.692	ng/u1	98
30) Naphthalene	10.469	128	714762	21.365	ng/u1	100
32) 4-Chloroaniline	10.587	127	310963	21.628	ng/u1	98
33) Hexachlorobutadiene	10.746	225	119573	20.537	ng/u1	98
34) Caprolactam	11.363	113	70919	20.523	ng/u1	97
35) 4-Chloro-3-methylphenol	11.710	107	231480	22.219	ng/u1	97
36) 2-Methylnaphthalene	12.087	142	500074	21.404	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	513096	21.634	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.457	216	254622	21.769	ng/ul	97
40) Hexachlorocyclopentadiene	12.434	237	129302	19.466	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	161703	22.124	ng/ul	95
42) 2,4,5-Trichlorophenol	12.775	196	181135	21.944	ng/ul	90
43) 1,1'-Biphenyl	13.116	154	673081	21.788	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	524423	21.565	ng/ul	97
45) 2-Nitroaniline	13.369	65	143518	22.176	ng/ul	98
47) Dimethylphthalate	13.746	163	696231	22.273	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	127353	21.974	ng/ul	92
50) Acenaphthylene	14.004	152	899396	22.373	ng/ul	100
51) 3-Nitroaniline	14.198	138	149625	24.324	ng/ul	99
52) Acenaphthene	14.346	153	592847	22.130	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	51026	19.169	ng/ul	86
55) 4-Nitrophenol	14.510	109	106013	23.118	ng/ul	96
56) Dibenzofuran	14.687	168	811762	21.799	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	198461	23.455	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.910	232	154587	22.550	ng/ul	94
59) Diethylphthalate	15.122	149	710097	22.361	ng/ul	99
61) Fluorene	15.340	166	666662	22.523	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.334	204	326255	22.467	ng/ul	97
63) 4-Nitroaniline	15.369	138	165622m	27.694	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	100164	21.105	ng/ul#	98
67) N-Nitrosodiphenylamine	15.551	169	579132	21.251	ng/ul	97
68) 4-Bromophenyl-phenylether	16.228	248	194240	20.441	ng/ul	92
69) Hexachlorobenzene	16.334	284	227441	20.327	ng/ul	98
70) Atrazine	16.510	200	201713	21.355	ng/ul	99
71) Pentachlorophenol	16.681	266	133943	20.303	ng/ul	96
72) Phenanthrene	17.075	178	1139786	22.169	ng/ul	99
74) Anthracene	17.169	178	1134867	21.835	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	251742	20.477	ng/uL	99
76) Pentachlorobenzene	14.598	250	257408	20.614	ng/uL	95
77) Carbazole	17.445	167	1081646	23.731	ng/ul	99
78) Di-n-butylphthalate	18.010	149	1268749	22.818	ng/ul	100
80) Fluoranthene	19.098	202	1377865	20.215	ng/ul	98
82) Pyrene	19.463	202	1445784	20.084	ng/ul	100
83) Butylbenzylphthalate	20.375	149	595047	21.646	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.186	252	470300	23.999	ng/ul	94
85) Benzo(a)anthracene	21.251	228	1521359	21.375	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.180	149	905273	22.330	ng/ul#	99
87) Chrysene	21.310	228	1458321	21.707	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1556787	18.446	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	1603844	20.449	ng/ul	98
91) Benzo(k)fluoranthene	23.316	252	1716406	21.549	ng/ul	100
93) Benzo(a)pyrene	24.039	252	1597834	21.566	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.421	276	2039834	25.470	ng/ul	97
95) Dibenzo(a,h)anthracene	27.486	278	1713148	25.409	ng/ul	94
96) Benzo(g,h,i)perylene	28.451	276	1657898	26.368	ng/ul	95

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

