

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023576.D
 Acq On : 23 Dec 2024 23:47
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020764

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 24 05:21:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Dec 24 02:14:57 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	153494	20.000	ng/u1	0.02
20) Naphthalene-d8	10.269	136	564383	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.151	164	403153	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	903237	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.392	240	1033618	20.000	ng/u1	# 0.00
88) Perylene-d12	24.574	264	1200853m	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	33224	7.969	ng/uL	0.01
4) Pyridine-d5	3.499	84	219487	20.473	ng/u1	0.01
7) Phenol-d5	6.740	99	263998	21.920	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.875	67	164695	21.675	ng/u1	0.02
11) 2-Chlorophenol-d4	7.075	132	191004	21.488	ng/u1	0.02
15) 4-Methylphenol-d8	8.246	113	197431	20.311	ng/u1	0.01
21) Nitrobenzene-d5	8.669	128	87512	20.765	ng/u1	0.01
24) 2-Nitrophenol-d4	9.381	143	104646	21.544	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.928	165	210110	20.496	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	250474	21.810	ng/u1	0.01
46) Dimethylphthalate-d6	13.557	166	618791	19.772	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	677783	20.532	ng/u1	0.00
54) 4-Nitrophenol-d4	14.439	143	67720m	17.657	ng/u1	-0.02
60) Fluorene-d10	15.163	176	533825	19.392	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.322	200	111041	20.342	ng/u1	-0.02
73) Anthracene-d10	17.057	188	860675	20.879	ng/u1	0.00
81) Pyrene-d10	19.445	212	1091859	20.219	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.357	264	1291926	20.097	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	37203	8.065	ng/uL	95
5) Pyridine	3.522	79	229350	20.943	ng/u1	91
6) Benzaldehyde	6.699	77	151121m	21.949	ng/u1	
8) Phenol	6.763	94	274491	21.892	ng/u1#	85
10) Bis(2-Chloroethyl)ether	6.963	93	215748	21.799	ng/u1	98
12) 2-Chlorophenol	7.105	128	194218	20.842	ng/u1	98
13) 2-Methylphenol	7.981	108	193582	20.819	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.028	45	259121	21.529	ng/u1	98
16) Acetophenone	8.340	105	323068	19.747	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.316	70	175029	19.635	ng/u1	93
18) 4-Methylphenol	8.310	108	209937	20.918	ng/u1	99
19) Hexachloroethane	8.569	117	89955	19.826	ng/u1	89
22) Nitrobenzene	8.716	77	261838	20.418	ng/u1	97
23) Isophorone	9.222	82	466437	20.536	ng/u1#	97
25) 2-Nitrophenol	9.416	139	114679	22.103	ng/u1#	83
26) 2,4-Dimethylphenol	9.481	107	227986	19.844	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.699	93	284897	22.201	ng/u1	97
29) 2,4-Dichlorophenol	9.957	162	208314	20.503	ng/u1	99
30) Naphthalene	10.322	128	604673	20.466	ng/u1	99
32) 4-Chloroaniline	10.451	127	244855	21.988	ng/u1	99
33) Hexachlorobutadiene	10.587	225	158271	17.561	ng/u1	96
34) Caprolactam	11.257	113	63405m	21.388	ng/u1	
35) 4-Chloro-3-methylphenol	11.604	107	222974	20.211	ng/u1	93
36) 2-Methylnaphthalene	11.934	142	428196	19.543	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	441301	19.765	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.310	216	281407	19.128	ng/ul	98
40) Hexachlorocyclopentadiene	12.275	237	154643	21.877	ng/ul	97
41) 2,4,6-Trichlorophenol	12.569	196	180887	20.776	ng/ul	98
42) 2,4,5-Trichlorophenol	12.669	196	193798	20.834	ng/ul	100
43) 1,1'-Biphenyl	12.963	154	591028	20.690	ng/ul	99
44) 2-Chloronaphthalene	13.004	162	474136	20.521	ng/ul	98
45) 2-Nitroaniline	13.245	65	144091	21.524	ng/ul	93
47) Dimethylphthalate	13.598	163	610955	19.817	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	120712	20.435	ng/ul	93
50) Acenaphthylene	13.863	152	693320	20.624	ng/ul	100
51) 3-Nitroaniline	14.098	138	89354	18.048	ng/ul	94
52) Acenaphthene	14.210	153	497046	20.229	ng/ul	98
53) 2,4-Dinitrophenol	14.328	184	86587	22.730	ng/ul	89
55) 4-Nitrophenol	14.457	109	132784	25.699	ng/ul#	74
56) Dibenzofuran	14.557	168	729556	19.551	ng/ul	96
57) 2,4-Dinitrotoluene	14.563	165	183676	19.296	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.810	232	173452	18.782	ng/ul#	93
59) Diethylphthalate	14.987	149	580915	18.894	ng/ul	100
61) Fluorene	15.216	166	590652	19.439	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	318229	18.057	ng/ul	97
63) 4-Nitroaniline	15.281	138	65378	15.014	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.339	198	121564	20.992	ng/ul	99
67) N-Nitrosodiphenylamine	15.434	169	511096	22.158	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	204203	19.151	ng/ul	99
69) Hexachlorobenzene	16.251	284	235060	17.995	ng/ul	98
70) Atrazine	16.422	200	202743	20.200	ng/ul	99
71) Pentachlorophenol	16.628	266	139567	18.305	ng/ul	92
72) Phenanthrene	17.004	178	996685	21.344	ng/ul	100
74) Anthracene	17.098	178	1002820	21.478	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.928	216	282509	21.699	ng/uL	100
76) Pentachlorobenzene	14.481	250	278585	19.412	ng/uL	98
77) Carbazole	17.392	167	899041	23.634	ng/ul	98
78) Di-n-butylphthalate	17.969	149	986389	21.104	ng/ul	98
80) Fluoranthene	19.104	202	1264041	20.427	ng/ul#	93
82) Pyrene	19.480	202	1337727	20.372	ng/ul#	93
83) Butylbenzylphthalate	20.427	149	500380	22.002	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.304	252	386759	16.307	ng/ul#	99
85) Benzo(a)anthracene	21.374	228	1389842	20.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	687807	21.060	ng/ul	99
87) Chrysene	21.433	228	1310935	19.736	ng/ul	99
89) Di-n-octyl phthalate	22.504	149	1207617	20.590	ng/ul	100
90) Benzo(b)fluoranthene	23.580	252	1480855	19.627	ng/ul#	98
91) Benzo(k)fluoranthene	23.645	252	1497034	19.942	ng/ul#	99
93) Benzo(a)pyrene	24.427	252	1389848	20.317	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.203	276	1831244	20.831	ng/ul#	94
95) Dibenzo(a,h)anthracene	28.245	278	1471077	20.910	ng/ul#	96
96) Benzo(g,h,i)perylene	29.303	276	1437016	21.350	ng/ul#	96

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

