

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102824\
 Data File : BP022712.D
 Acq On : 29 Oct 2024 14:25
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020686

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :mohammad ahmed 10/30/2024

10/30/2024

Supervised By :mohammad
ahmed

10/30/2024

Quant Time: Oct 29 15:08:01 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Oct 29 04:53:07 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	78353	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.386	136	301258	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.251	164	243838	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.074	188	618007	20.000	ng/u1	0.01
79) Chrysene-d12	21.503	240	679090	20.000	ng/u1	0.02
88) Perylene-d12	24.756	264	783033	20.000	ng/u1	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.175	96	16776	8.320	ng/uL	0.00
4) Pyridine-d5	3.587	84	114367	20.662	ng/u1	0.00
7) Phenol-d5	6.816	99	131145	19.884	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.963	67	76811	19.815	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.169	132	99258	21.209	ng/u1	-0.02
15) 4-Methylphenol-d8	8.328	113	104665	19.885	ng/u1	-0.02
21) Nitrobenzene-d5	8.769	128	48822	21.077	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.481	143	57368	21.392	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	122829	21.550	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.533	131	136187	20.221	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	388941	20.076	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	426007	20.703	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	60697	18.675	ng/u1	-0.02
60) Fluorene-d10	15.269	176	354852	21.117	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	70253	17.284	ng/u1	0.00
73) Anthracene-d10	17.168	188	601444	20.688	ng/u1	0.00
81) Pyrene-d10	19.557	212	762777	21.240	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.544	264	883565	21.129	ng/u1	0.03

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.210	88	16756	7.729	ng/uL 99
5) Pyridine	3.604	79	116296	20.491	ng/u1 96
6) Benzaldehyde	6.787	77	79694	22.359	ng/u1 96
8) Phenol	6.845	94	135374	19.728	ng/u1 97
10) Bis(2-Chloroethyl)ether	7.057	93	103375	20.129	ng/u1 95
12) 2-Chlorophenol	7.198	128	101828	21.041	ng/u1 98
13) 2-Methylphenol	8.069	108	100712	20.224	ng/u1 97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	119672	20.050	ng/u1 97
16) Acetophenone	8.434	105	178749	20.570	ng/u1 95
17) N-Nitroso-di-n-propyla...	8.416	70	90880	20.642	ng/u1 99
18) 4-Methylphenol	8.387	108	111458	20.175	ng/u1 99
19) Hexachloroethane	8.675	117	47920	21.261	ng/u1 96
22) Nitrobenzene	8.804	77	140551	20.328	ng/u1 96
23) Isophorone	9.328	82	247701	19.981	ng/u1 99
25) 2-Nitrophenol	9.516	139	60888	21.067	ng/u1 95
26) 2,4-Dimethylphenol	9.581	107	133326	21.223	ng/u1 98
27) Bis(2-Chloroethoxy)met...	9.804	93	139574	19.829	ng/u1 97
29) 2,4-Dichlorophenol	10.051	162	119227	21.241	ng/u1 98
30) Naphthalene	10.439	128	337685	21.045	ng/u1 98
32) 4-Chloroaniline	10.557	127	134610	20.248	ng/u1 96
33) Hexachlorobutadiene	10.716	225	102261	21.616	ng/u1 97
34) Caprolactam	11.333	113	34621m	19.132	ng/u1
35) 4-Chloro-3-methylphenol	11.692	107	135096	22.060	ng/u1 98
36) 2-Methylnaphthalene	12.051	142	248498	21.098	ng/u1 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	258342	21.489	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.427	216	185956	20.625	ng/ul	95
40) Hexachlorocyclopentadiene	12.398	237	71774	13.066	ng/ul	98
41) 2,4,6-Trichlorophenol	12.675	196	120592	21.264	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	126975	21.027	ng/ul	97
43) 1,1'-Biphenyl	13.075	154	360648	20.520	ng/ul	98
44) 2-Chloronaphthalene	13.122	162	294336	20.457	ng/ul	97
45) 2-Nitroaniline	13.339	65	86353	20.100	ng/ul	95
47) Dimethylphthalate	13.710	163	386559	20.024	ng/ul	100
48) 2,6-Dinitrotoluene	13.839	165	78893	21.606	ng/ul	98
50) Acenaphthylene	13.974	152	440087	20.608	ng/ul	100
51) 3-Nitroaniline	14.174	138	68635	20.013	ng/ul	96
52) Acenaphthene	14.327	153	312574	20.699	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	43362	16.140	ng/ul	99
55) 4-Nitrophenol	14.510	109	69521	19.273	ng/ul	92
56) Dibenzofuran	14.674	168	484451	21.357	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	123419	21.751	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.898	232	123524	21.915	ng/ul	99
59) Diethylphthalate	15.092	149	386560	20.872	ng/ul	98
61) Fluorene	15.327	166	384912	20.825	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	221483	20.955	ng/ul	98
63) 4-Nitroaniline	15.374	138	75780m	21.959	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.427	198	76216	17.409	ng/ul	100
67) N-Nitrosodiphenylamine	15.533	169	331326	20.020	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	157408	21.121	ng/ul	97
69) Hexachlorobenzene	16.368	284	192740	21.011	ng/ul	99
70) Atrazine	16.516	200	143514	20.862	ng/ul	95
71) Pentachlorophenol	16.721	266	120265	20.389	ng/ul	99
72) Phenanthrene	17.115	178	682843	20.652	ng/ul	99
74) Anthracene	17.198	178	670753	20.328	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.039	216	189821	20.172	ng/uL	99
76) Pentachlorobenzene	14.592	250	214691	20.639	ng/uL	97
77) Carbazole	17.492	167	596848	20.443	ng/ul	99
78) Di-n-butylphthalate	18.074	149	657306	20.347	ng/ul	100
80) Fluoranthene	19.209	202	893973	21.654	ng/ul	99
82) Pyrene	19.586	202	946858	21.398	ng/ul	98
83) Butylbenzylphthalate	20.533	149	317902	20.635	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.403	252	316129	19.529	ng/ul	99
85) Benzo(a)anthracene	21.486	228	962994	20.228	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.415	149	448214	20.269	ng/ul	99
87) Chrysene	21.551	228	906843	20.544	ng/ul	100
89) Di-n-octyl phthalate	22.650	149	769779	20.667	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	1047719	21.257	ng/ul#	98
91) Benzo(k)fluoranthene	23.797	252	1024738	21.235	ng/ul#	98
93) Benzo(a)pyrene	24.609	252	956701	21.090	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.438	276	1286798	21.257	ng/ul	99
95) Dibenzo(a,h)anthracene	28.497	278	1020874	20.826	ng/ul	99
96) Benzo(g,h,i)perylene	29.591	276	965210	20.499	ng/ul	99

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

