

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020828.D
 Acq On : 06 Jul 2024 21:12
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020675

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:40:26 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Jul 03 15:01:56 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	283015	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.499	136	1154812	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	763109	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.163	188	1608620	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	1508655	20.000	ng/u1	0.00
88) Perylene-d12	24.969	264	1764461	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	41236	6.257	ng/uL	0.00
4) Pyridine-d5	3.676	84	327598	17.055	ng/u1	0.00
7) Phenol-d5	6.922	99	441412	19.016	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	256062	17.401	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	367266	19.359	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	360754	19.136	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	176914	20.750	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	204105	23.922	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	368670	20.977	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	490090	19.898	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1037455	19.553	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1191595	18.821	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	176802	21.809	ng/u1	0.02
60) Fluorene-d10	15.363	176	877848	19.662	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	138473	17.082	ng/u1	0.00
73) Anthracene-d10	17.269	188	1401366	19.411	ng/u1	0.00
81) Pyrene-d10	19.651	212	1619700	17.871	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.745	264	1651761	19.245	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.299	88	46904	6.360	ng/uL	95
5) Pyridine	3.699	79	338860	17.031	ng/u1	97
6) Benzaldehyde	6.893	77	263508	22.448	ng/u1	99
8) Phenol	6.946	94	443762	18.747	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.164	93	354550	18.092	ng/u1	97
12) 2-Chlorophenol	7.305	128	363784	19.075	ng/u1	98
13) 2-Methylphenol	8.175	108	344037	18.943	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	501685	16.845	ng/u1	99
16) Acetophenone	8.540	105	551735	18.326	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	268317	16.766	ng/u1	98
18) 4-Methylphenol	8.499	108	367004	19.091	ng/u1	99
19) Hexachloroethane	8.781	117	139201	16.814	ng/u1	90
22) Nitrobenzene	8.922	77	418405	18.930	ng/u1	96
23) Isophorone	9.440	82	768114	17.540	ng/u1	97
25) 2-Nitrophenol	9.622	139	209787	22.768	ng/u1	91
26) 2,4-Dimethylphenol	9.681	107	398447	18.567	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.911	93	469005	18.002	ng/u1	97
29) 2,4-Dichlorophenol	10.158	162	359129	20.645	ng/u1	97
30) Naphthalene	10.546	128	1155464	18.694	ng/u1	100
32) 4-Chloroaniline	10.663	127	459519	19.378	ng/u1	99
33) Hexachlorobutadiene	10.816	225	257521	19.801	ng/u1	98
34) Caprolactam	11.463	113	112238	21.202	ng/u1	90
35) 4-Chloro-3-methylphenol	11.799	107	387583	20.180	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	793137	19.156	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	811958	19.183	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	474614	19.453	ng/ul	99
40) Hexachlorocyclopentadiene	12.499	237	177794	11.708	ng/ul	99
41) 2,4,6-Trichlorophenol	12.781	196	301626	20.724	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	324917	21.524	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	1024375	17.949	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	837388	18.630	ng/ul	100
45) 2-Nitroaniline	13.446	65	242817	21.447	ng/ul	89
47) Dimethylphthalate	13.810	163	1019373	18.861	ng/ul	98
48) 2,6-Dinitrotoluene	13.934	165	217711	22.590	ng/ul	93
50) Acenaphthylene	14.081	152	1346342	18.826	ng/ul	99
51) 3-Nitroaniline	14.269	138	227173	25.362	ng/ul	96
52) Acenaphthene	14.422	153	872819	18.398	ng/ul	99
53) 2,4-Dinitrophenol	14.499	184	84763	16.956	ng/ul	99
55) 4-Nitrophenol	14.610	109	141412	19.493	ng/ul	94
56) Dibenzofuran	14.763	168	1229231	19.229	ng/ul	100
57) 2,4-Dinitrotoluene	14.751	165	315652	23.728	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.993	232	281649	22.590	ng/ul	93
59) Diethylphthalate	15.198	149	1051845	19.730	ng/ul	99
61) Fluorene	15.428	166	997421	19.419	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	519548	19.384	ng/ul	97
63) 4-Nitroaniline	15.457	138	241456m	28.403	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.522	198	147767	17.016	ng/ul	93
67) N-Nitrosodiphenylamine	15.640	169	842067	17.750	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	334579	18.647	ng/ul	96
69) Hexachlorobenzene	16.445	284	398633	19.847	ng/ul#	91
70) Atrazine	16.628	200	325132	19.441	ng/ul	98
71) Pentachlorophenol	16.804	266	226578	19.594	ng/ul	98
72) Phenanthrene	17.210	178	1599896	18.993	ng/ul	99
74) Anthracene	17.304	178	1654804	19.098	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	460140	17.622	ng/ul	99
76) Pentachlorobenzene	14.681	250	456908	18.359	ng/ul	100
77) Carbazole	17.598	167	1443344	20.184	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1831557	19.720	ng/ul	100
80) Fluoranthene	19.304	202	1937973	17.505	ng/ul	99
82) Pyrene	19.681	202	1963447	17.293	ng/ul	99
83) Butylbenzylphthalate	20.633	149	840888	19.945	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.522	252	606396	18.180	ng/ul	98
85) Benzo(a)anthracene	21.604	228	1962130	18.555	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.528	149	1215728	18.572	ng/ul#	99
87) Chrysene	21.675	228	1842112	18.430	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	2105444	18.587	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	2000534	18.715	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	1986402	18.371	ng/ul	99
93) Benzo(a)pyrene	24.810	252	1920256	19.030	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.768	276	2399283m	18.538	ng/ul	
95) Dibenzo(a,h)anthracene	28.839	278	1998514	18.788	ng/ul	99
96) Benzo(g,h,i)perylene	29.956	276	1927607m	18.241	ng/ul	

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

