

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051624\
 Data File : BP020406.D
 Acq On : 16 May 2024 09:54
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTD020654

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 10:50:07 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu May 16 10:48:40 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	76360	20.000	ng/u1	0.00
20) Naphthalene-d8	10.351	136	319023	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	231484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	537150	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	552753	20.000	ng/u1	0.00
88) Perylene-d12	24.986	264	620594	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	14281	7.899	ng/uL	0.00
4) Pyridine-d5	3.593	84	93411	17.780	ng/u1	0.00
7) Phenol-d5	6.781	99	118211	18.026	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	72286	18.146	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	91450	19.507	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	98763	18.628	ng/u1	0.00
21) Nitrobenzene-d5	8.746	128	47077	19.706	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	53869	19.691	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	100371	20.105	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	131882	18.875	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	334838	19.808	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	363572	19.470	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	39210	15.092	ng/u1	0.00
60) Fluorene-d10	15.298	176	284531	20.180	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	60969	17.887	ng/u1	0.00
73) Anthracene-d10	17.233	188	473151	20.362	ng/u1	0.00
81) Pyrene-d10	19.633	212	581495	17.997	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	592902	19.759	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	15969	7.783	ng/uL	94
5) Pyridine	3.611	79	96159	18.096	ng/u1	95
6) Benzaldehyde	6.763	77	67411	20.451	ng/u1	97
8) Phenol	6.805	94	115808	17.110	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.034	93	97932	18.491	ng/u1	99
12) 2-Chlorophenol	7.157	128	96894	19.796	ng/u1	96
13) 2-Methylphenol	8.034	108	92435	18.309	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.104	45	117776	17.826	ng/u1	97
16) Acetophenone	8.416	105	162532	18.471	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.387	70	84805	17.760	ng/u1	96
18) 4-Methylphenol	8.369	108	100903	18.388	ng/u1	98
19) Hexachloroethane	8.628	117	43814	19.575	ng/u1	90
22) Nitrobenzene	8.787	77	130308	19.001	ng/u1	97
23) Isophorone	9.304	82	241537	18.316	ng/u1	100
25) 2-Nitrophenol	9.493	139	56725	20.018	ng/u1	95
26) 2,4-Dimethylphenol	9.546	107	118602	19.184	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.787	93	136271	18.640	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	99579	20.507	ng/u1	96
30) Naphthalene	10.399	128	331568	20.164	ng/u1	99
32) 4-Chloroaniline	10.546	127	128342	18.784	ng/u1	96
33) Hexachlorobutadiene	10.657	225	76585	20.306	ng/u1	98
34) Caprolactam	11.363	113	33361m	19.676	ng/u1	
35) 4-Chloro-3-methylphenol	11.681	107	117364	19.412	ng/u1	99
36) 2-Methylnaphthalene	12.034	142	230531	20.149	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	235383	20.444	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	143747	19.911	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	48989	12.477	ng/ul	96
41) 2,4,6-Trichlorophenol	12.675	196	88243	19.491	ng/ul	94
42) 2,4,5-Trichlorophenol	12.757	196	97559	20.026	ng/ul	98
43) 1,1'-Biphenyl	13.075	154	313186	19.129	ng/ul	100
44) 2-Chloronaphthalene	13.116	162	257350	19.809	ng/ul	98
45) 2-Nitroaniline	13.363	65	79141	18.365	ng/ul	96
47) Dimethylphthalate	13.734	163	340104	19.918	ng/ul	99
48) 2,6-Dinitrotoluene	13.875	165	68001	20.033	ng/ul	97
50) Acenaphthylene	13.987	152	412340	19.632	ng/ul	99
51) 3-Nitroaniline	14.228	138	59050	18.652	ng/ul	94
52) Acenaphthene	14.334	153	276679	19.602	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	31565m	15.150	ng/ul	
55) 4-Nitrophenol	14.557	109	52056	19.245	ng/ul	94
56) Dibenzofuran	14.687	168	401705	20.693	ng/ul	98
57) 2,4-Dinitrotoluene	14.692	165	102200	20.941	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.934	232	91276	20.864	ng/ul	97
59) Diethylphthalate	15.139	149	345552	20.273	ng/ul	99
61) Fluorene	15.357	166	329158	20.407	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.357	204	180022	21.038	ng/ul	95
63) 4-Nitroaniline	15.428	138	55081	20.877	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.481	198	61790	17.385	ng/ul	100
67) N-Nitrosodiphenylamine	15.586	169	276897	18.514	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	116340	19.996	ng/ul	95
69) Hexachlorobenzene	16.381	284	136822	20.303	ng/ul	97
70) Atrazine	16.586	200	97887	18.458	ng/ul	98
71) Pentachlorophenol	16.769	266	72570	17.816	ng/ul	99
72) Phenanthrene	17.169	178	546412	19.938	ng/ul	98
74) Anthracene	17.269	178	555403	19.925	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	147315	18.453	ng/uL	94
76) Pentachlorobenzene	14.598	250	155579	19.474	ng/uL	99
77) Carbazole	17.569	167	480386	20.005	ng/ul	99
78) Di-n-butylphthalate	18.163	149	597858	20.540	ng/ul	99
80) Fluoranthene	19.286	202	676148	17.781	ng/ul	100
82) Pyrene	19.669	202	713771	18.041	ng/ul	98
83) Butylbenzylphthalate	20.639	149	281399	18.736	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.545	252	228175	20.283	ng/ul	98
85) Benzo(a)anthracene	21.604	228	731820	19.520	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.551	149	406428	18.758	ng/ul	97
87) Chrysene	21.674	228	693467	19.957	ng/ul	98
89) Di-n-octyl phthalate	22.857	149	699113	17.590	ng/ul	100
90) Benzo(b)fluoranthene	23.915	252	729050	19.749	ng/ul	100
91) Benzo(k)fluoranthene	23.992	252	733233	19.490	ng/ul	99
93) Benzo(a)pyrene	24.821	252	682600	19.433	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.792	276	828422m	19.239	ng/ul	
95) Dibenzo(a,h)anthracene	28.868	278	682982	19.176	ng/ul	99
96) Benzo(g,h,i)perylene	29.974	276	667485m	19.220	ng/ul	

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

