Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041924\
Data File : BP020033.D
Acq On : 19 Apr 2024 18:17
Operator : MA/JU
Sample : SSTD04091
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 20 01:16:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 00:34:02 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	101663	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	438089	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	275028	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.169	188	530242	20.000	ng/ul	0.01
79) Chrysene-d12	21.669	240	513500	20.000	ng/ul	0.01
88) Perylene-d12	25.051	264	577302	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	38751	16.615	ng/uL	0.00
4) Pyridine-d5	3.628	84	298831	42.311	ng/ul	0.00
7) Phenol-d5	6.822	99	359964	41.665	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	252131	44.017	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	251168	40.810	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	284577	42.556	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	133711	39.966	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	146407	39.837	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	278775	40.573	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	361687	40.290	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	742560	38.399	ng/ul	0.01
49) Acenaphthylene-d8	14.010	160	919842	40.691	ng/ul	0.01
54) 4-Nitrophenol-d4	14.569	143	116103	38.510	ng/ul	0.01
60) Fluorene-d10	15.357	176	648706	39.268	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.498	200	124043	39.149	ng/ul	0.01
73) Anthracene-d10	17.281	188	954126	40.241	ng/ul	0.02
81) Pyrene-d10	19.675	212	1120719	37.485	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.827	264	1144640	40.962	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	42670	15.735	ng/uL	97
5) Pyridine	3.646	79	303169	41.713	ng/ul	98
6) Benzaldehyde	6.811	77	236249	53.105	ng/ul	98
8) Phenol	6.852	94	376460	41.503	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.087	93	311025	42.143	ng/ul	98
12) 2-Chlorophenol	7.211	128	264343	40.732	ng/ul	95
13) 2-Methylphenol	8.081	108	276884	42.191	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.158	45	456069	44.340	ng/ul	99
16) Acetophenone	8.463	105	486649	44.486	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.452	70	286587	46.178	ng/ul	99
18) 4-Methylphenol	8.411	108	298055	42.241	ng/ul	98
19) Hexachloroethane	8.693	117	127883	41.981	ng/ul	94
22) Nitrobenzene	8.840	77	424390	43.495	ng/ul	98
23) Isophorone	9.363	82	774423	42.669	ng/ul	99
25) 2-Nitrophenol	9.540	139	155443	40.258	ng/ul	98
26) 2,4-Dimethylphenol	9.599	107	352289	40.793	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.840	93	434395	41.293	ng/ul	100
29) 2,4-Dichlorophenol	10.075	162	273901	40.600	ng/ul	99
30) Naphthalene	10.463	128	903298	39.983	ng/ul	100
32) 4-Chloroaniline	10.593	127	360911	40.785	ng/ul	100
33) Hexachlorobutadiene	10.728	225	215353	40.290	ng/ul	98
34) Caprolactam	11.405	113	78413m	37.189	ng/ul	
35) 4-Chloro-3-methylphenol	11.728	107	322657	42.562	ng/ul	98
36) 2-Methylnaphthalene	12.093	142	624464	41.076	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	623085	41.277	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.463	216	385564	42.741	ng/ul	97
40) Hexachlorocyclopentadiene	12.428	237	216600	42.278	ng/ul	98
41) 2,4,6-Trichlorophenol	12.722	196	228988	41.218	ng/ul	97
42) 2,4,5-Trichlorophenol	12.799	196	232571	40.780	ng/ul	99
43) 1,1'-Biphenyl	13.128	154	829019	41.872	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	649067	40.414	ng/ul	98
45) 2-Nitroaniline	13.404	65	224242	44.126	ng/ul	99
47) Dimethylphthalate	13.787	163	752710	38.537	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	154791	39.206	ng/ul	97
50) Acenaphthylene	14.046	152	1037020	41.193	ng/ul	99
51) 3-Nitroaniline	14.257	138	139042	38.359	ng/ul	93
52) Acenaphthene	14.398	153	680961	40.818	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	83590	37.008	ng/ul	96
55) 4-Nitrophenol	14.593	109	130819	45.095	ng/ul	96
56) Dibenzofuran	14.740	168	904871	39.690	ng/ul	100
57) 2,4-Dinitrotoluene	14.734	165	212375	39.338	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.981	232	194381	39.229	ng/ul	98
59) Diethylphthalate	15.193	149	757714	38.779	ng/ul	100
61) Fluorene	15.410	166	746883	39.958	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	403201	40.050	ng/ul	98
63) 4-Nitroaniline	15.457	138	123102	39.380	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.516	198	128575	38.294	ng/ul	97
67) N-Nitrosodiphenylamine	15.645	169	604401	41.082	ng/ul	98
68) 4-Bromophenyl-phenylether	16.340	248	239703	41.338	ng/ul	98
69) Hexachlorobenzene	16.440	284	257998	40.338	ng/ul	98
70) Atrazine	16.640	200	217109	38.710	ng/ul	97
71) Pentachlorophenol	16.804	266	154314	40.659	ng/ul	99
72) Phenanthrene	17.216	178	1110279	40.303	ng/ul	100
74) Anthracene	17.316	178	1143080	40.589	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	372395	43.346	ng/uL	97
76) Pentachlorobenzene	14.651	250	333648	41.782	ng/uL	99
77) Carbazole	17.610	167	974663	40.515	ng/ul	100
78) Di-n-butylphthalate	18.210	149	1212183	40.750	ng/ul	99
80) Fluoranthene	19.328	202	1311916	37.245	ng/ul	99
82) Pyrene	19.704	202	1370878	37.652	ng/ul	100
83) Butylbenzylphthalate	20.675	149	558415	38.353	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.569	252	475732	43.613	ng/ul	98
85) Benzo(a)anthracene	21.645	228	1425410	39.982	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.598	149	843114	39.225	ng/ul	99
87) Chrysene	21.716	228	1354739	40.626	ng/ul	99
89) Di-n-octyl phthalate	22.910	149	1440369	39.655	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	1406103	41.075	ng/ul	99
91) Benzo(k)fluoranthene	24.057	252	1444488	41.500	ng/ul	100
93) Benzo(a)pyrene	24.904	252	1349876	40.697	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.909	276	1572864m	38.377	ng/ul	
95) Dibenzo(a,h)anthracene	28.992	278	1292018	38.928	ng/ul	99
96) Benzo(g,h,i)perylene	30.109	276	1259062m	38.095	ng/ul	

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

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