Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
Data File : BP015504.D
Acq On : 13 Jun 2023 20:06
Operator : MA/JU
Sample : SP6215
Misc : SFAM SPIKE
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP6215

Quant Time: Jun 14 01:04:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	146143	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	666668	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.734	164	432374	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	998633	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	914895	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	975329	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	130631	31.336	ng/uL	91
5) Pyridine	3.864	79	849250	79.909	ng/ul	96
6) Benzaldehyde	7.222	77	702493	136.507	ng/ul	98
8) Phenol	7.275	94	1231176	88.637	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.510	93	925939	84.313	ng/ul	99
12) 2-Chlorophenol	7.652	128	947236	91.844	ng/ul	98
13) 2-Methylphenol	8.540	108	955099	89.369	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	1251820	86.017	ng/ul	98
16) Acetophenone	8.928	105	1487860	84.373	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.910	70	790579	83.064	ng/ul	98
18) 4-Methylphenol	8.875	108	1046990	89.041	ng/ul	98
19) Hexachloroethane	9.181	117	384333	88.185	ng/ul	99
22) Nitrobenzene	9.316	77	1211948	87.314	ng/ul	100
23) Isophorone	9.846	82	2319728	83.486	ng/ul	99
25) 2-Nitrophenol	10.028	139	562721	87.197	ng/ul	99
26) 2,4-Dimethylphenol	10.087	107	1196545	87.430	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.322	93	1347320	83.403	ng/ul	100
29) 2,4-Dichlorophenol	10.569	162	979216	90.326	ng/ul	99
30) Naphthalene	10.969	128	2993571	82.865	ng/ul	99
32) 4-Chloroaniline	11.087	127	1125663	69.512	ng/ul	100
33) Hexachlorobutadiene	11.246	225	621899	85.063	ng/ul	98
34) Caprolactam	11.904	113	330175	80.907	ng/ul	94
35) 4-Chloro-3-methylphenol	12.204	107	1139955	86.788	ng/ul	98
36) 2-Methylnaphthalene	12.569	142	2080447	81.919	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	2074555	81.132	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.934	216	1172623	87.094	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	657608	119.155	ng/ul	95
41) 2,4,6-Trichlorophenol	13.175	196	817082	91.181	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	891851	91.331	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	2844003	85.055	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	2244485	85.556	ng/ul	99
45) 2-Nitroaniline	13.828	65	788917	93.962	ng/ul	95
47) Dimethylphthalate	14.192	163	2941043	83.545	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	649982	90.121	ng/ul	100
50) Acenaphthylene	14.463	152	3504262	84.877	ng/ul	100
51) 3-Nitroaniline	14.657	138	606714	101.902	ng/ul	100
52) Acenaphthene	14.804	153	2384481	83.552	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	393903	90.791	ng/ul	99
55) 4-Nitrophenol	14.957	109	496043	84.226	ng/ul	93
56) Dibenzofuran	15.139	168	3334828	82.445	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	919391	86.671	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	774196	87.808	ng/ul	98
59) Diethylphthalate	15.551	149	2991587	82.917	ng/ul	100
61) Fluorene	15.787	166	2675249	81.133	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	1351635	81.334	ng/ul	98
63) 4-Nitroaniline	15.822	138	639045	113.156	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.875	198	530838	82.271	ng/ul	97
67) N-Nitrosodiphenylamine	15.992	169	2340963	82.629	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	908548	85.040	ng/ul	100
69) Hexachlorobenzene	16.792	284	1060689	84.165	ng/ul	95
70) Atrazine	16.951	200	932965	82.465	ng/ul	99
71) Pentachlorophenol	17.139	266	677175	95.068	ng/ul	99
72) Phenanthrene	17.539	178	4421258	82.501	ng/ul	100
74) Anthracene	17.628	178	4470071	82.208	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.540	216	1223479	88.770	ng/uL	100
76) Pentachlorobenzene	15.057	250	2670367	185.052	ng/uL	97
77) Carbazole	17.898	167	4069904	83.127	ng/ul	99
78) Di-n-butylphthalate	18.422	149	5300457	85.327	ng/ul	99
80) Fluoranthene	19.492	202	5375001	90.115	ng/ul	98
82) Pyrene	19.845	202	5498744	89.108	ng/ul	98
83) Butylbenzylphthalate	20.698	149	2613041	95.805	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.480	252	1870387	86.534	ng/ul	99
85) Benzo(a)anthracene	21.557	228	5404012	84.493	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	3841532	95.290	ng/ul	100
87) Chrysene	21.616	228	4978024	82.344	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	6688649	104.345	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	5638344	89.558	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	5174705	85.029	ng/ul	99
93) Benzo(a)pyrene	24.015	252	4667514	85.034	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	5466121	76.948	ng/ul	97
95) Dibenzo(a,h)anthracene	26.851	278	4518634	78.078	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	4399031	75.144	ng/ul	100

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

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