Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014962.D
Acq On : 04 May 2023 20:34
Operator : CG/JU
Sample : 02447-18MS 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 05 00:43:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EW937MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

05/05/2023
Supervised By :Jagrut Upadhyay

05/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	320706	20.000	ng/ul	0.00
20) Naphthalene-d8	10.998	136	1200881	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	587873	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1031583	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1055103	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1312066	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	2103	0.244	ng/uL	0.00
4) Pyridine-d5	3.922	84	11358m	0.482	ng/ul	0.02
7) Phenol-d5	7.310	99	32101	1.155	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	21742	1.265	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	27747	1.357	ng/ul	0.00
15) 4-Methylphenol-d8	8.869	113	23370	1.091	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	11657	1.365	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	11102	1.266	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	23775	1.381	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	14636	0.588	ng/ul	0.00
46) Dimethylphthalate-d6	14.204	166	62045	1.491	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	69594	1.395	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	3628m	0.501	ng/ul	0.00
60) Fluorene-d10	15.798	176	51899	1.450	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	2407	0.414	ng/ul	0.00
73) Anthracene-d10	17.663	188	71636	1.546	ng/ul	0.00
81) Pyrene-d10	19.880	212	89518	1.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	98987	1.548	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.293	77	31235m	4.109	ng/ul	
8) Phenol	7.334	94	54472	1.866	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.575	93	43773	1.804	ng/ul	97
12) 2-Chlorophenol	7.722	128	41318	1.866	ng/ul	99
13) 2-Methylphenol	8.604	108	37551	1.725	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.693	45	54736	1.779	ng/ul	96
16) Acetophenone	8.999	105	66201	1.890	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.975	70	29269	1.639	ng/ul	99
18) 4-Methylphenol	8.934	108	39765	1.653	ng/ul	92
19) Hexachloroethane	9.263	117	17857	1.858	ng/ul	94
22) Nitrobenzene	9.381	77	41569	1.852	ng/ul	96
23) Isophorone	9.910	82	80528	1.816	ng/ul	100
25) 2-Nitrophenol	10.104	139	16680	1.654	ng/ul	96
26) 2,4-Dimethylphenol	10.157	107	39960	1.826	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.398	93	50794	1.791	ng/ul	99
29) 2,4-Dichlorophenol	10.640	162	33475	1.879	ng/ul	99
30) Naphthalene	11.051	128	191968	2.908	ng/ul	99
33) Hexachlorobutadiene	11.334	225	25199	2.193	ng/ul	95
34) Caprolactam	11.922	113	7888m	1.438	ng/ul	
35) 4-Chloro-3-methylphenol	12.263	107	30865	1.686	ng/ul	94
36) 2-Methylnaphthalene	12.645	142	98777	2.420	ng/ul	100
37) 1-Methylnaphthalene	12.863	142	104135	2.475	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.010	216	41182	2.246	ng/ul	98
41) 2,4,6-Trichlorophenol	13.245	196	22799	2.018	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,5-Trichlorophenol	13.316	196	21507	1.766	ng/ul	84
43) 1,1'-Biphenyl	13.645	154	105787	2.251	ng/ul	98
44) 2-Chloronaphthalene	13.687	162	74172	2.026	ng/ul	99
45) 2-Nitroaniline	13.887	65	14164	1.661	ng/ul	91
47) Dimethylphthalate	14.251	163	87876	2.009	ng/ul	99
48) 2,6-Dinitrotoluene	14.375	165	11901	1.539	ng/ul#	80
50) Acenaphthylene	14.534	152	243230	4.300	ng/ul	99
51) 3-Nitroaniline	14.710	138	8929	1.276	ng/ul#	95
52) Acenaphthene	14.869	153	182993	4.674	ng/ul	99
56) Dibenzofuran	15.204	168	188908	3.576	ng/ul	100
57) 2,4-Dinitrotoluene	15.163	165	14241	1.315	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.428	232	17026	1.718	ng/ul	94
59) Diethylphthalate	15.610	149	78623	1.902	ng/ul	99
61) Fluorene	15.851	166	200004	4.800	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	40553	1.989	ng/ul	94
63) 4-Nitroaniline	15.863	138	10668m	1.827	ng/ul	
67) N-Nitrosodiphenylamine	16.057	169	66502	2.124	ng/ul	96
68) 4-Bromophenyl-phenylether	16.739	248	23029	2.146	ng/ul	94
69) Hexachlorobenzene	16.863	284	27334	2.162	ng/ul	99
70) Atrazine	17.004	200	19677	1.868	ng/ul	92
71) Pentachlorophenol	17.210	266	9715	1.317	ng/ul	96
72) Phenanthrene	17.604	178	2359561	41.403	ng/ul	99
74) Anthracene	17.698	178	718356	12.661	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.610	216	40139	2.351	ng/uL	94
76) Pentachlorobenzene	15.122	250	34866	2.146	ng/uL	100
77) Carbazole	17.957	167	265661	5.567	ng/ul	99
78) Di-n-butylphthalate	18.492	149	120232	2.253	ng/ul	98
80) Fluoranthene	19.557	202	4775443	54.689	ng/ul	99
82) Pyrene	19.910	202	4370542	47.242	ng/ul	98
83) Butylbenzylphthalate	20.757	149	58719	2.114	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.545	252	44254	2.492	ng/ul#	96
85) Benzo(a)anthracene	21.627	228	2726770	38.719	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.521	149	102773	2.941	ng/ul	96
87) Chrysene	21.686	228	2545292	35.894	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	174749	2.281	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	3300164	38.919	ng/ul	98
91) Benzo(k)fluoranthene	23.492	252	1448559m	16.785	ng/ul	
93) Benzo(a)pyrene	24.127	252	2540518	34.162	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.003	276	1855976	20.460	ng/ul	95
95) Dibenzo(a,h)anthracene	27.009	278	598635	8.052	ng/ul	97
96) Benzo(g,h,i)perylene	27.850	276	1584657	20.525	ng/ul	97

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

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