Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032423\
Data File : BP014286.D
Acq On : 24 Mar 2023 12:03
Operator : CG/JU
Sample : 02037-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 24 22:34:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 22:30:41 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E45E9MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
03/27/2023
Supervised By :Jagrut Upadhyay
03/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	188799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	844671	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	579515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1320273	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.521	240	1210835	20.000	ng/ul	#-0.01
88) Perylene-d12	24.039	264	1087428	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	19108	3.824	ng/uL	0.00
4) Pyridine-d5	3.840	84	145072m	10.486	ng/ul	0.00
7) Phenol-d5	7.193	99	117078	7.027	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	299602	30.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	264971	20.874	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	236836	17.402	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	189356	28.096	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	211546	26.222	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.475	165	382263	25.182	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.998	131	597071	29.722	ng/ul	-0.01
46) Dimethylphthalate-d6	14.086	166	1468110	29.851	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	1541778	29.593	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	50968	5.881	ng/ul	0.00
60) Fluorene-d10	15.675	176	1241601	29.788	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	279728	28.033	ng/ul	0.00
73) Anthracene-d10	17.539	188	2028738	31.653	ng/ul	0.00
81) Pyrene-d10	19.763	212	2381357	35.659	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.874	264	1903715	32.912	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	20045m	3.716	ng/uL	
5) Pyridine	3.863	79	124134m	8.847	ng/ul	
6) Benzaldehyde	7.169	77	276418m	33.343	ng/ul	
8) Phenol	7.222	94	125308	7.293	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.452	93	392336	29.805	ng/ul	97
12) 2-Chlorophenol	7.593	128	281966	22.047	ng/ul	95
13) 2-Methylphenol	8.481	108	268525	21.018	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	505405	35.553	ng/ul	96
16) Acetophenone	8.869	105	665464	30.268	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.846	70	362096	32.194	ng/ul	96
18) 4-Methylphenol	8.810	108	250998	17.861	ng/ul	94
19) Hexachloroethane	9.116	117	141043	25.180	ng/ul	93
22) Nitrobenzene	9.251	77	538982	29.896	ng/ul	99
23) Isophorone	9.781	82	1044441	30.083	ng/ul	97
25) 2-Nitrophenol	9.969	139	226802	27.277	ng/ul	94
26) 2,4-Dimethylphenol	10.022	107	430295	23.643	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.257	93	601629	29.958	ng/ul	99
29) 2,4-Dichlorophenol	10.504	162	384763	25.695	ng/ul	97
30) Naphthalene	10.904	128	1269948	27.379	ng/ul	99
32) 4-Chloroaniline	11.028	127	457636	22.639	ng/ul	100
33) Hexachlorobutadiene	11.181	225	272229	22.846	ng/ul	99
34) Caprolactam	11.840	113	18461m	3.797	ng/ul	
35) 4-Chloro-3-methylphenol	12.140	107	468678	27.067	ng/ul	96
36) 2-Methylnaphthalene	12.510	142	919091	28.251	ng/ul	99

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37) 1-Methylnaphthalene	12.728	142	940974	28.776	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	559734	26.710	ng/ul	100
40) Hexachlorocyclopentadiene	12.845	237	288565	19.229	ng/ul	99
41) 2,4,6-Trichlorophenol	13.116	196	383522	29.133	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	432830	29.959	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1320289	29.592	ng/ul	99
44) 2-Chloronaphthalene	13.557	162	1051717	29.680	ng/ul	98
45) 2-Nitroaniline	13.769	65	385973	36.828	ng/ul	93
47) Dimethylphthalate	14.134	163	1504255	30.900	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	320591	33.310	ng/ul	98
50) Acenaphthylene	14.404	152	1688976	30.890	ng/ul	100
51) 3-Nitroaniline	14.598	138	285907	33.550	ng/ul	95
52) Acenaphthene	14.745	153	1182455	30.935	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	192888	26.837	ng/ul	92
55) 4-Nitrophenol	14.904	109	51193	5.468	ng/ul	83
56) Dibenzofuran	15.081	168	1702572	30.618	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	464325	32.290	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.304	232	406594	29.417	ng/ul	99
59) Diethylphthalate	15.492	149	1563042	31.656	ng/ul	99
61) Fluorene	15.733	166	1431413	31.054	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.716	204	759283	29.845	ng/ul	99
63) 4-Nitroaniline	15.763	138	304282	34.737	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.816	198	281034	29.520	ng/ul	99
67) N-Nitrosodiphenylamine	15.933	169	1240821	33.276	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	492248	30.841	ng/ul	98
69) Hexachlorobenzene	16.739	284	572242	30.425	ng/ul	98
70) Atrazine	16.892	200	366751	22.804	ng/ul	99
71) Pentachlorophenol	17.086	266	338282	27.515	ng/ul	96
72) Phenanthrene	17.480	178	2359181	32.761	ng/ul	100
74) Anthracene	17.575	178	2388282	32.710	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	582910	28.768	ng/uL	98
76) Pentachlorobenzene	14.998	250	629888	29.927	ng/uL	99
77) Carbazole	17.845	167	2141434	33.250	ng/ul	100
78) Di-n-butylphthalate	18.374	149	2782329	34.568	ng/ul	100
80) Fluoranthene	19.439	202	2847528	37.409	ng/ul#	96
82) Pyrene	19.792	202	2930956	36.911	ng/ul	96
83) Butylbenzylphthalate	20.645	149	1289819	40.285	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.427	252	753639	24.313	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2846399	33.422	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1877882	39.230	ng/ul	99
87) Chrysene	21.557	228	2657619	32.743	ng/ul	100
89) Di-n-octyl phthalate	22.357	149	3060771	44.607	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	2611796	36.045	ng/ul	98
91) Benzo(k)fluoranthene	23.315	252	2416401	34.972	ng/ul	99
93) Benzo(a)pyrene	23.927	252	2094773	33.237	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	2469189	29.595	ng/ul	97
95) Dibenzo(a,h)anthracene	26.703	278	2048575	29.542	ng/ul	98
96) Benzo(g,h,i)perylene	27.503	276	1957252	29.350	ng/ul	97

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

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