Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014239.D
Acq On : 23 Mar 2023 04:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020787

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023

Quant Time: Mar 23 04:57:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 23 04:56:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	179970	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	826928	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	596111	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1416278	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	1456776	20.000	ng/ul	# 0.00
88) Perylene-d12	24.045	264	1539219	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	35424	7.437	ng/uL	0.00
4) Pyridine-d5	3.840	84	246919	18.722	ng/ul	0.00
7) Phenol-d5	7.199	99	333277	20.985	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	211949	22.883	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	246765	20.394	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	285155	21.981	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	133885	20.292	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	158141	20.023	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	287176	19.324	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	399883	20.333	ng/ul	0.00
46) Dimethylphthalate-d6	14.086	166	1014022	20.044	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1102169	20.566	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	173959	19.512	ng/ul	0.00
60) Fluorene-d10	15.675	176	848266	19.784	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	208014	19.433	ng/ul	0.00
73) Anthracene-d10	17.539	188	1388279	20.192	ng/ul	0.00
81) Pyrene-d10	19.769	212	1677888	20.883	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1630004	19.908	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	37005	7.196	ng/uL	92
5) Pyridine	3.858	79	252936	18.912	ng/ul	97
6) Benzaldehyde	7.175	77	197714m	25.019	ng/ul	
8) Phenol	7.222	94	349025	21.310	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.457	93	280632	22.365	ng/ul	99
12) 2-Chlorophenol	7.599	128	254400	20.868	ng/ul	94
13) 2-Methylphenol	8.487	108	266623	21.892	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.569	45	358445	26.452	ng/ul	99
16) Acetophenone	8.869	105	474558	22.644	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.851	70	260007	24.251	ng/ul	98
18) 4-Methylphenol	8.816	108	303133	22.629	ng/ul	96
19) Hexachloroethane	9.122	117	108984	20.411	ng/ul	92
22) Nitrobenzene	9.257	77	372025	21.078	ng/ul	100
23) Isophorone	9.787	82	738869	21.738	ng/ul	98
25) 2-Nitrophenol	9.969	139	164846	20.251	ng/ul	95
26) 2,4-Dimethylphenol	10.028	107	367189	20.608	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	429969	21.870	ng/ul	99
29) 2,4-Dichlorophenol	10.510	162	284197	19.387	ng/ul	98
30) Naphthalene	10.910	128	914829	20.146	ng/ul	99
32) 4-Chloroaniline	11.028	127	407652	20.599	ng/ul	97
33) Hexachlorobutadiene	11.187	225	205849	17.646	ng/ul	96
34) Caprolactam	11.822	113	100876m	21.193	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	363571	21.448	ng/ul	96
36) 2-Methylnaphthalene	12.516	142	649982	20.408	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	656362	20.503	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	399850	18.549	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	266765	17.282	ng/ul	95
41) 2,4,6-Trichlorophenol	13.122	196	264227	19.512	ng/ul	98
42) 2,4,5-Trichlorophenol	13.198	196	289204	19.460	ng/ul	98
43) 1,1'-Biphenyl	13.516	154	933061	20.331	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	737698	20.239	ng/ul	97
45) 2-Nitroaniline	13.775	65	248999	23.097	ng/ul	95
47) Dimethylphthalate	14.139	163	1005914	20.088	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	205835	20.791	ng/ul	99
50) Acenaphthylene	14.410	152	1164519	20.705	ng/ul	100
51) 3-Nitroaniline	14.598	138	193314	22.053	ng/ul	92
52) Acenaphthene	14.751	153	816417	20.764	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	160040	21.647	ng/ul	92
55) 4-Nitrophenol	14.904	109	188119	19.535	ng/ul	83
56) Dibenzofuran	15.081	168	1149657	20.099	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	313610	21.202	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.310	232	275728	19.393	ng/ul	99
59) Diethylphthalate	15.498	149	1030374	20.287	ng/ul	100
61) Fluorene	15.733	166	959736	20.241	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.722	204	500773	19.136	ng/ul	100
63) 4-Nitroaniline	15.763	138	208783	23.171	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.816	198	198146	19.403	ng/ul	94
67) N-Nitrosodiphenylamine	15.939	169	826343	20.659	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	326716	19.082	ng/ul	99
69) Hexachlorobenzene	16.739	284	378529	18.761	ng/ul	95
70) Atrazine	16.892	200	337694	19.574	ng/ul	98
71) Pentachlorophenol	17.092	266	265973	20.167	ng/ul	99
72) Phenanthrene	17.486	178	1576312	20.406	ng/ul	99
74) Anthracene	17.580	178	1606330	20.509	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	415862	19.133	ng/uL	98
76) Pentachlorobenzene	14.998	250	431825	19.126	ng/uL	99
77) Carbazole	17.845	167	1433093	20.743	ng/ul	99
78) Di-n-butylphthalate	18.375	149	1808533	20.946	ng/ul	100
80) Fluoranthene	19.439	202	1949041	21.283	ng/ul#	94
82) Pyrene	19.792	202	2021474	21.160	ng/ul#	92
83) Butylbenzylphthalate	20.651	149	860070	22.327	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.433	252	712722	19.112	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2072336	20.225	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1270152	22.055	ng/ul	99
87) Chrysene	21.563	228	1951688	19.986	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	2135118	21.984	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2051984	20.007	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2027289	20.729	ng/ul	99
93) Benzo(a)pyrene	23.933	252	1776287	19.911	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	2175819	18.424	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.709	278	1809360	18.434	ng/ul	98
96) Benzo(g,h,i)perylene	27.509	276	1693840	17.944	ng/ul	98

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

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