Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080423\
Data File : BP016507.D
Acq On : 04 Aug 2023 17:29
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020675

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 23:52:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 04 15:15:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	499961	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	1964178	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	1045877	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	2081184	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1813256	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	2061955	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	90454	6.562	ng/uL	0.00
4) Pyridine-d5	3.840	84	692142	19.323	ng/ul	0.00
7) Phenol-d5	7.205	99	770698	19.711	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	509289	21.144	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	606667	19.211	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	565396	18.753	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	266088	18.727	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	252228	19.028	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	519876	19.274	ng/ul	0.00
31) 4-Chloroaniline-d4	11.052	131	743293	18.692	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	1282071	17.727	ng/ul	0.00
49) Acenaphthylene-d8	14.416	160	1633028	18.751	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	228028	16.745	ng/ul	0.00
60) Fluorene-d10	15.710	176	1130284	18.200	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	142177	15.516	ng/ul	0.00
73) Anthracene-d10	17.581	188	1633524	18.181	ng/ul	0.00
81) Pyrene-d10	19.810	212	1801482	18.120	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	1768009	17.906	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	94618	6.407	ng/uL	99
5) Pyridine	3.864	79	577634	15.703	ng/ul	97
6) Benzaldehyde	7.222	77	512997	25.001	ng/ul	99
8) Phenol	7.234	94	740428	18.114	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.499	93	598742	17.680	ng/ul	99
12) 2-Chlorophenol	7.622	128	591072	18.005	ng/ul	98
13) 2-Methylphenol	8.499	108	529721	17.614	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.599	45	727182m	17.931	ng/ul	
16) Acetophenone	8.916	105	898549	19.244	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.887	70	398715	18.135	ng/ul	99
18) 4-Methylphenol	8.834	108	563027	17.605	ng/ul	100
19) Hexachloroethane	9.146	117	241555	17.304	ng/ul	98
22) Nitrobenzene	9.305	77	630154	17.596	ng/ul	100
23) Isophorone	9.822	82	1055363	16.959	ng/ul	99
25) 2-Nitrophenol	10.010	139	275312	17.874	ng/ul	95
26) 2,4-Dimethylphenol	10.046	107	524178	15.797	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.310	93	728028	17.228	ng/ul	98
29) 2,4-Dichlorophenol	10.534	162	493301	17.853	ng/ul	98
30) Naphthalene	10.951	128	1736065	17.058	ng/ul	100
32) 4-Chloroaniline	11.075	127	694161	17.731	ng/ul	100
33) Hexachlorobutadiene	11.187	225	310029	16.743	ng/ul	98
34) Caprolactam	11.881	113	133048	16.119	ng/ul	98
35) 4-Chloro-3-methylphenol	12.163	107	482167	17.723	ng/ul	98
36) 2-Methylnaphthalene	12.551	142	1102668	17.124	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	1074459	16.737	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.898	216	589443	17.804	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	386397	19.829	ng/ul	99
41) 2,4,6-Trichlorophenol	13.146	196	330467	17.452	ng/ul	98
42) 2,4,5-Trichlorophenol	13.210	196	358271	17.427	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	1478719	18.292	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	1086338	16.889	ng/ul	100
45) 2-Nitroaniline	13.822	65	271031	17.913	ng/ul	99
47) Dimethylphthalate	14.175	163	1210548	16.531	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	252412	19.600	ng/ul	99
50) Acenaphthylene	14.445	152	1736557	17.164	ng/ul	100
51) 3-Nitroaniline	14.645	138	272993	19.271	ng/ul	95
52) Acenaphthene	14.781	153	1090864	16.404	ng/ul	99
53) 2,4-Dinitrophenol	14.845	184	80743	13.096	ng/ul	97
55) 4-Nitrophenol	14.922	109	170194	16.806	ng/ul	96
56) Dibenzofuran	15.116	168	1569412	17.404	ng/ul	99
57) 2,4-Dinitrotoluene	15.092	165	311194	17.133	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.328	232	289068	18.187	ng/ul	100
59) Diethylphthalate	15.528	149	1156611	16.460	ng/ul	100
61) Fluorene	15.763	166	1199626	16.830	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	578377	16.484	ng/ul	98
63) 4-Nitroaniline	15.816	138	256368	20.513	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.839	198	143011	13.893	ng/ul	99
67) N-Nitrosodiphenylamine	15.981	169	1015100	17.375	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	332242	16.271	ng/ul	98
69) Hexachlorobenzene	16.745	284	387801	16.199	ng/ul	99
70) Atrazine	16.928	200	329051	16.504	ng/ul	97
71) Pentachlorophenol	17.104	266	200135	14.370	ng/ul	99
72) Phenanthrene	17.528	178	1813853	16.714	ng/ul	99
74) Anthracene	17.616	178	1825116	16.734	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.510	216	561163	16.902	ng/uL	99
76) Pentachlorobenzene	15.010	250	491546	17.454	ng/uL	99
77) Carbazole	17.892	167	1633271	17.266	ng/ul	99
78) Di-n-butylphthalate	18.410	149	1829127	16.689	ng/ul	100
80) Fluoranthene	19.486	202	1959010	16.524	ng/ul	99
82) Pyrene	19.839	202	2080676	16.608	ng/ul	100
83) Butylbenzylphthalate	20.704	149	743486	16.157	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.498	252	716258	18.475	ng/ul	100
85) Benzo(a)anthracene	21.563	228	1985195	16.514	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1102781	16.743	ng/ul	99
87) Chrysene	21.616	228	1854128	16.365	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	1802825	15.701	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	1980785	16.279	ng/ul	100
91) Benzo(k)fluoranthene	23.416	252	1896177	15.486	ng/ul	99
93) Benzo(a)pyrene	24.051	252	1786198	15.478	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.927	276	2383486	16.721	ng/ul	99
95) Dibenzo(a,h)anthracene	26.957	278	1982448	16.661	ng/ul	99
96) Benzo(g,h,i)perylene	27.786	276	1910859	16.596	ng/ul	98

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

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