Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018637.D
Acq On : 06 Dec 2023 15:12
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020711

Quant Time: Dec 06 21:41:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	404986	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1681809	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1000794	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1806163	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1187652	20.000	ng/ul	# 0.00
88) Perylene-d12	23.686	264	1459147	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	86870	7.310	ng/uL	0.00
4) Pyridine-d5	3.681	84	629797	19.784	ng/ul	0.00
7) Phenol-d5	7.022	99	810989	19.955	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	476216	19.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	617836	19.482	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	650029	19.763	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	311684	20.822	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	344613	22.206	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	655366	20.652	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	856489	20.653	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1789228	20.031	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2026538	20.604	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	261273	17.820	ng/ul	0.00
60) Fluorene-d10	15.475	176	1427056	19.033	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	204670	18.899	ng/ul	0.00
73) Anthracene-d10	17.328	188	1916795	20.187	ng/ul	0.00
81) Pyrene-d10	19.563	212	1613320	17.451	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.539	264	1698266	19.961	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	95338	7.315	ng/uL	97
5) Pyridine	3.705	79	636929	19.813	ng/ul	96
6) Benzaldehyde	6.993	77	477152	22.740	ng/ul	98
8) Phenol	7.052	94	802425	20.133	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.281	93	652717	19.941	ng/ul	99
12) 2-Chlorophenol	7.416	128	620711	19.339	ng/ul	99
13) 2-Methylphenol	8.299	108	605391	19.840	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	793582	19.108	ng/ul	98
16) Acetophenone	8.681	105	991710	20.232	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	495693	18.382	ng/ul	98
18) 4-Methylphenol	8.628	108	655609	19.677	ng/ul	100
19) Hexachloroethane	8.928	117	257659	19.582	ng/ul	93
22) Nitrobenzene	9.057	77	734700	20.188	ng/ul	97
23) Isophorone	9.587	82	1448202	19.517	ng/ul	98
25) 2-Nitrophenol	9.769	139	361377	21.748	ng/ul	97
26) 2,4-Dimethylphenol	9.828	107	644663	19.837	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	898120	19.172	ng/ul	100
29) 2,4-Dichlorophenol	10.299	162	618575	20.238	ng/ul	98
30) Naphthalene	10.699	128	2022686	19.825	ng/ul	100
32) 4-Chloroaniline	10.816	127	821284	20.778	ng/ul	100
33) Hexachlorobutadiene	10.981	225	444300	21.704	ng/ul	99
34) Caprolactam	11.593	113	171601	18.309	ng/ul	96
35) 4-Chloro-3-methylphenol	11.940	107	638203	18.638	ng/ul	98
36) 2-Methylnaphthalene	12.310	142	1380907	19.105	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	1392908	19.083	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	818491	22.542	ng/ul	99
40) Hexachlorocyclopentadiene	12.657	237	428940	19.930	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	514340	22.020	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	539883	21.320	ng/ul	98
43) 1,1'-Biphenyl	13.322	154	1796912	20.760	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	1433021	20.962	ng/ul	99
45) 2-Nitroaniline	13.569	65	369941	19.962	ng/ul	96
47) Dimethylphthalate	13.945	163	1759038	20.006	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	346330	20.849	ng/ul	92
50) Acenaphthylene	14.204	152	2247725	20.326	ng/ul	100
51) 3-Nitroaniline	14.392	138	339270	20.460	ng/ul	99
52) Acenaphthene	14.545	153	1467811	20.075	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	144228	16.382	ng/ul	97
55) 4-Nitrophenol	14.698	109	213497	19.274	ng/ul	98
56) Dibenzofuran	14.881	168	1995889	19.641	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	444287	19.014	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	417682	19.664	ng/ul	97
59) Diethylphthalate	15.310	149	1629502	18.939	ng/ul	100
61) Fluorene	15.528	166	1536642	19.110	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	835793	19.819	ng/ul	96
63) 4-Nitroaniline	15.551	138	315158	19.950	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	218264	18.851	ng/ul	95
67) N-Nitrosodiphenylamine	15.739	169	1307143	21.840	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	505655	22.176	ng/ul	96
69) Hexachlorobenzene	16.534	284	554402	21.777	ng/ul	97
70) Atrazine	16.698	200	408692	22.968	ng/ul	98
71) Pentachlorophenol	16.881	266	318135	21.012	ng/ul	99
72) Phenanthrene	17.275	178	2185717	20.037	ng/ul	100
74) Anthracene	17.363	178	2202964	20.147	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	806767	25.833	ng/uL	99
76) Pentachlorobenzene	14.798	250	733800	23.920	ng/uL	99
77) Carbazole	17.639	167	1844229	21.163	ng/ul	99
78) Di-n-butylphthalate	18.192	149	1915485	16.507	ng/ul	100
80) Fluoranthene	19.239	202	1887248	17.270	ng/ul	96
82) Pyrene	19.592	202	1915986	17.380	ng/ul	94
83) Butylbenzylphthalate	20.474	149	712015	17.642	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	629595	21.815	ng/ul	100
85) Benzo(a)anthracene	21.304	228	1925119	19.970	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.233	149	1000593	18.038	ng/ul	99
87) Chrysene	21.357	228	1762461	19.853	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	1750102	16.427	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1965769	18.272	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	1991381	19.131	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1925377	19.586	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.162	276	2569260	21.875	ng/ul	96
95) Dibenzo(a,h)anthracene	26.180	278	2126202	21.762	ng/ul	97
96) Benzo(g,h,i)perylene	26.915	276	2098236	22.198	ng/ul#	95

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

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