Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019232.D
Acq On : 03 Jan 2024 05:22
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020735

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 03 06:04:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	180433	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	674285	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	412534	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	996621	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1140334	20.000	ng/ul	0.00
88) Perylene-d12	23.669	264	1353775	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	44352	8.395	ng/uL	0.00
4) Pyridine-d5	3.658	84	284077	21.423	ng/ul	0.00
7) Phenol-d5	6.981	99	335892	20.759	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	194896	20.820	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	271030	20.777	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	252553	20.048	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	121342	20.818	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	134728	21.387	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	263650	20.726	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	312752	19.989	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	698400	19.167	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	822092	20.793	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	131923	21.440	ng/ul	0.01
60) Fluorene-d10	15.440	176	633969	20.139	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	115083	17.614	ng/ul	0.00
73) Anthracene-d10	17.298	188	1055670	20.283	ng/ul	0.00
81) Pyrene-d10	19.545	212	1368279	19.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	1543910	19.841	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	46274	7.966	ng/uL	97
5) Pyridine	3.675	79	291168	21.632	ng/ul	97
6) Benzaldehyde	6.946	77	154956	20.625	ng/ul	99
8) Phenol	7.011	94	334470	20.928	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.228	93	266721	20.626	ng/ul	99
12) 2-Chlorophenol	7.363	128	273373	20.476	ng/ul	98
13) 2-Methylphenol	8.258	108	243136	20.565	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	313005	20.519	ng/ul	98
16) Acetophenone	8.628	105	380084	20.145	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.610	70	177532	18.870	ng/ul	98
18) 4-Methylphenol	8.587	108	256294	20.139	ng/ul	100
19) Hexachloroethane	8.869	117	112829	20.148	ng/ul	98
22) Nitrobenzene	9.005	77	288940	20.290	ng/ul	99
23) Isophorone	9.534	82	506894	19.740	ng/ul	99
25) 2-Nitrophenol	9.716	139	141037	20.969	ng/ul	97
26) 2,4-Dimethylphenol	9.787	107	247412	20.894	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	325147	19.157	ng/ul	99
29) 2,4-Dichlorophenol	10.252	162	254956	20.510	ng/ul	98
30) Naphthalene	10.646	128	812898	19.996	ng/ul	99
32) 4-Chloroaniline	10.769	127	300767	20.033	ng/ul	100
33) Hexachlorobutadiene	10.922	225	196708	20.562	ng/ul	100
34) Caprolactam	11.557	113	64060	19.510	ng/ul	92
35) 4-Chloro-3-methylphenol	11.904	107	243495	19.955	ng/ul	99
36) 2-Methylnaphthalene	12.257	142	537922	19.625	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	538995	19.500	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	338816	19.942	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	151597	16.075	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	206293	20.345	ng/ul	100
42) 2,4,5-Trichlorophenol	12.957	196	227966	21.180	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	707285	19.654	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	581823	20.149	ng/ul	100
45) 2-Nitroaniline	13.534	65	145864	21.042	ng/ul	98
47) Dimethylphthalate	13.910	163	690418	19.195	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	136087	20.590	ng/ul	94
50) Acenaphthylene	14.163	152	919655	20.674	ng/ul	100
51) 3-Nitroaniline	14.363	138	141730	21.934	ng/ul	98
52) Acenaphthene	14.504	153	602567	19.986	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	88433	20.768	ng/ul	95
55) 4-Nitrophenol	14.687	109	100764	20.491	ng/ul	92
56) Dibenzofuran	14.840	168	854230	19.841	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	204926	21.082	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.075	232	198015	21.057	ng/ul	99
59) Diethylphthalate	15.275	149	677674	19.432	ng/ul	100
61) Fluorene	15.492	166	699894	20.310	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	371704	19.751	ng/ul	98
63) 4-Nitroaniline	15.528	138	156566m	24.083	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.587	198	123146	17.802	ng/ul	97
67) N-Nitrosodiphenylamine	15.710	169	591673	19.452	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	240731	19.434	ng/ul	98
69) Hexachlorobenzene	16.498	284	289030	19.093	ng/ul	99
70) Atrazine	16.669	200	184378	21.479	ng/ul	98
71) Pentachlorophenol	16.851	266	195324	21.977	ng/ul	99
72) Phenanthrene	17.239	178	1188048	19.671	ng/ul	99
74) Anthracene	17.334	178	1214644	20.201	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	336160	19.399	ng/uL	98
76) Pentachlorobenzene	14.757	250	332233	19.294	ng/uL	99
77) Carbazole	17.616	167	1107378	22.141	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1250484	20.160	ng/ul	100
80) Fluoranthene	19.216	202	1552857	19.472	ng/ul	99
82) Pyrene	19.575	202	1640213	19.631	ng/ul	99
83) Butylbenzylphthalate	20.451	149	637160	21.349	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.227	252	567803	19.905	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1788955	19.856	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	937752	21.338	ng/ul	100
87) Chrysene	21.339	228	1647795	19.613	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	1667389	21.538	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	1834058	19.287	ng/ul	99
91) Benzo(k)fluoranthene	22.992	252	1819030	19.468	ng/ul	100
93) Benzo(a)pyrene	23.563	252	1756575	19.626	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.121	276	2193432	19.118	ng/ul	98
95) Dibenzo(a,h)anthracene	26.139	278	1823301	19.103	ng/ul	100
96) Benzo(g,h,i)perylene	26.880	276	1766149	19.209	ng/ul	100

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

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