Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072022\
Data File : BP011053.D
Acq On : 20 Jul 2022 13:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020707

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/21/2022
Supervised By :mohammad ahmed 07/21/2022

Quant Time: Jul 21 00:42:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 03:25:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	377043	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	1557154	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.340	164	872606	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1745021	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.233	240	1711082	20.000	ng/ul	# 0.00
88) Perylene-d12	23.586	264	1757006	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	86860	8.305	ng/uL	0.00
4) Pyridine-d5	3.587	84	538547	19.922	ng/ul	0.00
7) Phenol-d5	6.858	99	583923	18.867	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	400496	20.123	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	490790	19.625	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	465692	18.795	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	226905	19.996	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	210563	18.752	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	398826	19.422	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	645809	19.077	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1163887	19.515	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1414378	20.100	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	210330	17.425	ng/ul	0.00
60) Fluorene-d10	15.340	176	995057	19.629	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	142042	16.450	ng/ul	0.00
73) Anthracene-d10	17.210	188	1493312	20.130	ng/ul	0.00
81) Pyrene-d10	19.463	212	1726968	19.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	1654085	19.601	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	90486	8.246	ng/uL#	84
5) Pyridine	3.611	79	560460	20.118	ng/ul#	76
6) Benzaldehyde	6.828	77	244508	16.264	ng/ul	97
8) Phenol	6.881	94	626984	19.058	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.116	93	514772	19.716	ng/ul	90
12) 2-Chlorophenol	7.246	128	517987	20.037	ng/ul	93
13) 2-Methylphenol	8.128	108	460947	18.946	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.211	45	728829m	20.409	ng/ul	
16) Acetophenone	8.505	105	738293	19.683	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.493	70	368565	19.584	ng/ul	93
18) 4-Methylphenol	8.458	108	493270	18.989	ng/ul	96
19) Hexachloroethane	8.752	117	210885	20.614	ng/ul#	81
22) Nitrobenzene	8.881	77	546285	20.471	ng/ul	94
23) Isophorone	9.410	82	978265	19.587	ng/ul	99
25) 2-Nitrophenol	9.593	139	246395	19.549	ng/ul#	81
26) 2,4-Dimethylphenol	9.658	107	536549	20.130	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.899	93	645152	19.519	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	414592	19.506	ng/ul	99
30) Naphthalene	10.522	128	1567202	19.750	ng/ul	99
32) 4-Chloroaniline	10.640	127	650660	19.431	ng/ul	100
33) Hexachlorobutadiene	10.804	225	247194	19.980	ng/ul	97
34) Caprolactam	11.434	113	177123	23.779	ng/ul	93
35) 4-Chloro-3-methylphenol	11.775	107	454646	18.928	ng/ul	95
36) 2-Methylnaphthalene	12.146	142	1010065	19.635	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1005055	19.492	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	455272	19.782	ng/ul#	98
40) Hexachlorocyclopentadiene	12.493	237	269107	18.879	ng/ul	95
41) 2,4,6-Trichlorophenol	12.763	196	281860	18.597	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	310843	19.191	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	1280327	19.664	ng/ul#	98
44) 2-Chloronaphthalene	13.204	162	977346	19.985	ng/ul	97
45) 2-Nitroaniline	13.422	65	276484	19.405	ng/ul	88
47) Dimethylphthalate	13.810	163	1172202	19.479	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	217553	19.968	ng/ul	96
50) Acenaphthylene	14.057	152	1593408	20.180	ng/ul	98
51) 3-Nitroaniline	14.257	138	190367	14.543	ng/ul	92
52) Acenaphthene	14.404	153	1025334	19.602	ng/ul	98
53) 2,4-Dinitrophenol	14.463	184	108030	16.948	ng/ul#	85
55) 4-Nitrophenol	14.569	109	180716	19.555	ng/ul#	76
56) Dibenzofuran	14.745	168	1416155	19.621	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	313090	20.146	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.975	232	239804	18.905	ng/ul#	89
59) Diethylphthalate	15.187	149	1208210	19.550	ng/ul	98
61) Fluorene	15.398	166	1153348	19.912	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	526277	19.736	ng/ul	94
63) 4-Nitroaniline	15.428	138	193752m	16.106	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	150548	16.995	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	971443	19.488	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	305113	19.387	ng/ul	94
69) Hexachlorobenzene	16.404	284	348639	19.087	ng/ul	95
70) Atrazine	16.587	200	328982	19.078	ng/ul	98
71) Pentachlorophenol	16.757	266	212720	18.909	ng/ul	96
72) Phenanthrene	17.151	178	1803657	19.839	ng/ul	99
74) Anthracene	17.245	178	1818444	20.108	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	467098	18.698	ng/uL	99
76) Pentachlorobenzene	14.657	250	424238	19.373	ng/uL	99
77) Carbazole	17.522	167	1683689	19.892	ng/ul	99
78) Di-n-butylphthalate	18.092	149	2065262	19.520	ng/ul	99
80) Fluoranthene	19.139	202	2072636	19.720	ng/ul#	87
82) Pyrene	19.492	202	2139763	19.732	ng/ul#	82
83) Butylbenzylphthalate	20.392	149	932721	19.281	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.157	252	538997	17.790	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	2055367	19.724	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.157	149	1410808	19.546	ng/ul#	95
87) Chrysene	21.269	228	1970985	19.263	ng/ul	99
89) Di-n-octyl phthalate	22.069	149	2350482	19.947	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	2145576	19.777	ng/ul#	95
91) Benzo(k)fluoranthene	22.916	252	1981464	19.445	ng/ul#	94
93) Benzo(a)pyrene	23.480	252	2043812	19.617	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.021	276	2355563	19.455	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	2032642	19.401	ng/ul#	92
96) Benzo(g,h,i)perylene	26.768	276	2015047	19.540	ng/ul#	86

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

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