Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072921\
Data File : BP006423.D
Acq On : 29 Jul 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020668

Quant Time: Jul 29 17:10:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 29 16:44:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	345349	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1474241	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	834735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1615882	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1487846	20.000	ng/ul	0.00
88) Perylene-d12	23.604	264	1311061	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	70620	7.633	ng/uL	0.00
4) Pyridine-d5	3.699	84	527996	19.224	ng/ul	0.00
7) Phenol-d5	6.952	99	596327	18.385	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	382726	18.964	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	468631	19.448	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	465008	18.231	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	222300	20.251	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	227200	21.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	408993	19.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	617805	18.271	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	1155756	19.454	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	1375008	18.838	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	215028	18.228	ng/ul	0.00
60) Fluorene-d10	15.404	176	945943	18.940	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	151679	16.838	ng/ul	0.00
73) Anthracene-d10	17.263	188	1410608	19.338	ng/ul	0.00
81) Pyrene-d10	19.498	212	1491431	19.489	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	1367439	20.525	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	74938	7.672	ng/uL	99
5) Pyridine	3.723	79	541749	18.913	ng/ul	98
6) Benzaldehyde	6.928	77	419097	23.683	ng/ul	98
8) Phenol	6.981	94	642361	19.375	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	507432	19.458	ng/ul	100
12) 2-Chlorophenol	7.346	128	495185	20.269	ng/ul	98
13) 2-Methylphenol	8.222	108	465994	19.261	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.316	45	587472	20.164	ng/ul	100
16) Acetophenone	8.605	105	765560	19.518	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.593	70	414842	20.217	ng/ul	99
18) 4-Methylphenol	8.552	108	495750	19.082	ng/ul	97
19) Hexachloroethane	8.852	117	207436	20.758	ng/ul	95
22) Nitrobenzene	8.975	77	609856	21.413	ng/ul	99
23) Isophorone	9.505	82	1084211	21.295	ng/ul	100
25) 2-Nitrophenol	9.687	139	257983	22.320	ng/ul	97
26) 2,4-Dimethylphenol	9.752	107	561281	20.477	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.993	93	656152	20.068	ng/ul	98
29) 2,4-Dichlorophenol	10.216	162	410931	20.393	ng/ul	98
30) Naphthalene	10.616	128	1530941	20.015	ng/ul	99
32) 4-Chloroaniline	10.728	127	628215	18.859	ng/ul	98
33) Hexachlorobutadiene	10.899	225	248156	20.186	ng/ul	99
34) Caprolactam	11.510	113	144667	20.791	ng/ul	93
35) 4-Chloro-3-methylphenol	11.857	107	502570	20.892	ng/ul	97
36) 2-Methylnaphthalene	12.228	142	1027199	19.599	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.446	142	1021541	19.364	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.593	216	446951	19.869	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	312883	21.381	ng/ul	97
41) 2,4,6-Trichlorophenol	12.840	196	299519	21.488	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	326797	21.427	ng/ul	97
43) 1,1'-Biphenyl	13.246	154	1262835	20.182	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	957825	20.274	ng/ul	99
45) 2-Nitroaniline	13.493	65	323212	23.159	ng/ul	94
47) Dimethylphthalate	13.875	163	1184961	20.320	ng/ul	100
48) 2,6-Dinitrotoluene	13.993	165	239822	22.495	ng/ul	96
50) Acenaphthylene	14.128	152	1457174	20.500	ng/ul	100
51) 3-Nitroaniline	14.322	138	270428	21.649	ng/ul	95
52) Acenaphthene	14.469	153	1048064	20.097	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	101062	15.983	ng/ul	98
55) 4-Nitrophenol	14.628	109	194780	20.414	ng/ul	96
56) Dibenzofuran	14.810	168	1394989	19.946	ng/ul	100
57) 2,4-Dinitrotoluene	14.775	165	339616	22.292	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.034	232	259252	21.798	ng/ul	98
59) Diethylphthalate	15.245	149	1243297	20.584	ng/ul	99
61) Fluorene	15.457	166	1149358	19.978	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	529195	19.731	ng/ul	98
63) 4-Nitroaniline	15.481	138	278546	22.704	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.540	198	160765	18.256	ng/ul	97
67) N-Nitrosodiphenylamine	15.675	169	970265	20.212	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	310681	24.008	ng/ul	99
69) Hexachlorobenzene	16.457	284	347329	20.013	ng/ul	98
70) Atrazine	16.639	200	346591	20.864	ng/ul	99
71) Pentachlorophenol	16.804	266	214780	19.686	ng/ul	98
72) Phenanthrene	17.204	178	1738321	20.034	ng/ul	99
74) Anthracene	17.292	178	1768974	20.107	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	458609	20.705	ng/uL	99
76) Pentachlorobenzene	14.722	250	445102	20.613	ng/uL	99
77) Carbazole	17.569	167	1617681	20.100	ng/ul	100
78) Di-n-butylphthalate	18.134	149	2144848	22.299	ng/ul	100
80) Fluoranthene	19.175	202	1932125	20.490	ng/ul	99
82) Pyrene	19.528	202	1991739	20.355	ng/ul	99
83) Butylbenzylphthalate	20.422	149	996736	24.826	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.180	252	611248	18.646	ng/ul	99
85) Benzo(a)anthracene	21.245	228	1862235	20.199	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.186	149	1508228	23.993	ng/ul	99
87) Chrysene	21.298	228	1797277	20.338	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	2537380	27.772	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1784205	21.426	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	1708763	21.620	ng/ul	100
93) Benzo(a)pyrene	23.498	252	1476541	20.285	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.033	276	1647288	17.679	ng/ul	99
95) Dibenzo(a,h)anthracene	26.045	278	1417960	17.968	ng/ul	99
96) Benzo(g,h,i)perylene	26.768	276	1325554	17.218	ng/ul	98

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

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