Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072721\
Data File : BP006380.D
Acq On : 28 Jul 2021 01:15
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020663

Manual Integrations APPROVED
mohammad
7/28/2021 11:34:01 AM

Quant Time: Jul 28 02:58:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	425190	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1814332	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.410	164	1025738	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1946537	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1770981	20.000	ng/ul	0.00
88) Perylene-d12	23.604	264	1608415	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	91106	7.998	ng/uL	0.00
4) Pyridine-d5	3.705	84	663223	19.613	ng/ul	0.00
7) Phenol-d5	6.958	99	780456	19.544	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	500037	20.125	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	612597	20.648	ng/ul	-0.01
15) 4-Methylphenol-d8	8.493	113	606039	19.298	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	292162	21.626	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.657	143	296429	22.980	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	534574	21.148	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.710	131	811667	19.505	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1508172	20.659	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	1891892	21.093	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	285796	19.716	ng/ul	0.00
60) Fluorene-d10	15.404	176	1246440	20.310	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	210762	19.422	ng/ul	0.00
73) Anthracene-d10	17.263	188	1839702	20.937	ng/ul	0.00
81) Pyrene-d10	19.504	212	1907853	20.945	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	1690874	20.687	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	95661	7.954	ng/uL	98
5) Pyridine	3.722	79	690032	19.567	ng/ul	99
6) Benzaldehyde	6.934	77	537408	24.666	ng/ul	98
8) Phenol	6.987	94	797932	19.548	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	633402	19.727	ng/ul	99
12) 2-Chlorophenol	7.352	128	619508	20.597	ng/ul	100
13) 2-Methylphenol	8.228	108	576544	19.355	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	724473	20.197	ng/ul	98
16) Acetophenone	8.604	105	935203	19.366	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.599	70	514668	20.372	ng/ul	97
18) 4-Methylphenol	8.557	108	623441	19.491	ng/ul	100
19) Hexachloroethane	8.852	117	255425	20.760	ng/ul	97
22) Nitrobenzene	8.981	77	743884	21.223	ng/ul	100
23) Isophorone	9.510	82	1341811	21.414	ng/ul	99
25) 2-Nitrophenol	9.687	139	322598	22.679	ng/ul	100
26) 2,4-Dimethylphenol	9.751	107	700079	20.753	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.993	93	827282	20.559	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	518656	20.914	ng/ul	99
30) Naphthalene	10.616	128	1899860	20.183	ng/ul	100
32) 4-Chloroaniline	10.734	127	795987	19.417	ng/ul	98
33) Hexachlorobutadiene	10.904	225	306970	20.290	ng/ul	99
34) Caprolactam	11.516	113	179359m	20.945	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	626901	21.176	ng/ul	98
36) 2-Methylnaphthalene	12.228	142	1294992	20.077	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.451	142	1299410	20.014	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.598	216	566307	20.487	ng/ul	99
40)	Hexachlorocyclopentadiene	12.575	237	324649	18.054	ng/ul	99
41)	2,4,6-Trichlorophenol	12.840	196	379434	22.152	ng/ul	99
42)	2,4,5-Trichlorophenol	12.910	196	405814	21.654	ng/ul	97
43)	1,1'-Biphenyl	13.245	154	1575939	20.496	ng/ul	99
44)	2-Chloronaphthalene	13.287	162	1191127	20.517	ng/ul	99
45)	2-Nitroaniline	13.492	65	392122	22.865	ng/ul	97
47)	Dimethylphthalate	13.881	163	1465808	20.455	ng/ul	99
48)	2,6-Dinitrotoluene	13.998	165	295832	22.582	ng/ul	96
50)	Acenaphthylene	14.134	152	1821883	20.859	ng/ul	100
51)	3-Nitroaniline	14.322	138	339094	22.091	ng/ul	100
52)	Acenaphthene	14.475	153	1296901	20.237	ng/ul	100
53)	2,4-Dinitrophenol	14.528	184	140015	18.021	ng/ul	93
55)	4-Nitrophenol	14.628	109	240063	20.475	ng/ul	98
56)	Dibenzofuran	14.810	168	1730774	20.139	ng/ul	98
57)	2,4-Dinitrotoluene	14.781	165	419689	22.418	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.034	232	320077	21.901	ng/ul	95
59)	Diethylphthalate	15.251	149	1554187	20.940	ng/ul	99
61)	Fluorene	15.463	166	1428134	20.201	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.463	204	654525	19.859	ng/ul	97
63)	4-Nitroaniline	15.486	138	343700	22.798	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.539	198	210227	19.818	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.675	169	1208393	20.897	ng/ul	100
68)	4-Bromophenyl-phenylether	16.357	248	374029	23.993	ng/ul	97
69)	Hexachlorobenzene	16.463	284	427885	20.467	ng/ul	97
70)	Atrazine	16.639	200	422331	21.104	ng/ul	99
71)	Pentachlorophenol	16.810	266	271661	20.670	ng/ul	99
72)	Phenanthrene	17.204	178	2130497	20.383	ng/ul	99
74)	Anthracene	17.298	178	2177480	20.546	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.204	216	557780	20.905	ng/uL	99
76)	Pentachlorobenzene	14.728	250	528688	20.325	ng/uL	99
77)	Carbazole	17.569	167	1990686	20.533	ng/ul	100
78)	Di-n-butylphthalate	18.139	149	2626149	22.665	ng/ul	100
80)	Fluoranthene	19.180	202	2393324	21.323	ng/ul	100
82)	Pyrene	19.533	202	2428046	20.847	ng/ul	100
83)	Butylbenzylphthalate	20.422	149	1177807	24.646	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.186	252	749846	19.217	ng/ul	99
85)	Benzo(a)anthracene	21.245	228	2253297	20.533	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.186	149	1826350	24.409	ng/ul	100
87)	Chrysene	21.298	228	2134546	20.293	ng/ul	100
89)	Di-n-octyl phthalate	22.098	149	2972025	26.515	ng/ul	100
90)	Benzo(b)fluoranthene	22.892	252	2158020	21.124	ng/ul	99
91)	Benzo(k)fluoranthene	22.939	252	2064650	21.294	ng/ul	100
93)	Benzo(a)pyrene	23.504	252	1824425	20.430	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.033	276	2014074	17.620	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.051	278	1710972	17.673	ng/ul	99
96)	Benzo(g,h,i)perylene	26.768	276	1616201	17.113	ng/ul	99

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

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