Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007575.D
Acq On : 22 Oct 2021 05:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020711

Quant Time: Oct 22 06:39:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	229377	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	919097	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	572656	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1220806	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1244896	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	1325614	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	40987	7.057	ng/uL	0.00
4) Pyridine-d5	3.793	84	311742	19.609	ng/ul	0.00
7) Phenol-d5	7.105	99	357317	19.947	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	204533	19.144	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	288898	20.501	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	282314	20.460	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	132015	22.697	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	140203	25.806	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	296238	22.355	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	376799	21.027	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	796771	20.111	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1019514	20.476	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	141803	22.306	ng/ul	0.00
60) Fluorene-d10	15.575	176	683786	20.624	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	98471	20.130	ng/ul	0.00
73) Anthracene-d10	17.434	188	1057639	20.400	ng/ul	0.00
81) Pyrene-d10	19.663	212	1245959	20.020	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	1352446	20.504	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	43732	6.922	ng/uL	91
5) Pyridine	3.811	79	307844	20.021	ng/ul	99
6) Benzaldehyde	7.081	77	231185	22.970	ng/ul	96
8) Phenol	7.134	94	364621	19.909	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.364	93	290169	19.631	ng/ul	99
12) 2-Chlorophenol	7.511	128	293716	20.302	ng/ul	98
13) 2-Methylphenol	8.387	108	279228	20.240	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	339319	18.015	ng/ul	98
16) Acetophenone	8.769	105	429435	20.345	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.758	70	209510	19.186	ng/ul	93
18) 4-Methylphenol	8.716	108	300112	20.424	ng/ul	96
19) Hexachloroethane	9.034	117	119112	19.664	ng/ul	99
22) Nitrobenzene	9.146	77	315019	21.094	ng/ul	97
23) Isophorone	9.681	82	592396	18.948	ng/ul	97
25) 2-Nitrophenol	9.863	139	153789	24.420	ng/ul	92
26) 2,4-Dimethylphenol	9.922	107	330744	20.570	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.163	93	379099	19.569	ng/ul	99
29) 2,4-Dichlorophenol	10.399	162	288503	22.150	ng/ul	98
30) Naphthalene	10.805	128	901381	20.166	ng/ul	99
32) 4-Chloroaniline	10.905	127	380619	20.991	ng/ul	100
33) Hexachlorobutadiene	11.099	225	199110	21.774	ng/ul	98
34) Caprolactam	11.669	113	83143	24.335	ng/ul	93
35) 4-Chloro-3-methylphenol	12.034	107	299679	21.180	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	622927	20.391	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	627497	20.290	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	366001	22.111	ng/ul	96
40) Hexachlorocyclopentadiene	12.763	237	166651	15.967	ng/ul	97
41) 2,4,6-Trichlorophenol	13.016	196	231258	23.759	ng/ul	97
42) 2,4,5-Trichlorophenol	13.087	196	249100	24.582	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	832892	20.406	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	645437	20.531	ng/ul	98
45) 2-Nitroaniline	13.657	65	167191	22.874	ng/ul	92
47) Dimethylphthalate	14.040	163	796118	20.231	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	155422	23.817	ng/ul	93
50) Acenaphthylene	14.304	152	1019484	20.308	ng/ul	100
51) 3-Nitroaniline	14.475	138	167443	23.028	ng/ul#	97
52) Acenaphthene	14.645	153	667156	20.523	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	59071	19.596	ng/ul	96
55) 4-Nitrophenol	14.781	109	120106	20.913	ng/ul	98
56) Dibenzofuran	14.981	168	966628	20.479	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	220083	24.011	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.204	232	201681	23.984	ng/ul	98
59) Diethylphthalate	15.410	149	779127	19.857	ng/ul	98
61) Fluorene	15.634	166	753599	21.073	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	394202	21.649	ng/ul	99
63) 4-Nitroaniline	15.640	138	164729	25.555	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.704	198	102387	20.234	ng/ul	98
67) N-Nitrosodiphenylamine	15.840	169	667755	20.317	ng/ul	98
68) 4-Bromophenyl-phenylether	16.528	248	248849	22.628	ng/ul	93
69) Hexachlorobenzene	16.640	284	282911	21.387	ng/ul	96
70) Atrazine	16.798	200	262138	21.068	ng/ul	98
71) Pentachlorophenol	16.981	266	167567	22.883	ng/ul	98
72) Phenanthrene	17.375	178	1245997	20.416	ng/ul	99
74) Anthracene	17.469	178	1244855	20.394	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	382168	21.583	ng/uL	99
76) Pentachlorobenzene	14.904	250	359960	21.808	ng/uL	99
77) Carbazole	17.734	167	1142378	21.306	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1327541	20.154	ng/ul	99
80) Fluoranthene	19.339	202	1538833	19.928	ng/ul	100
82) Pyrene	19.692	202	1555932	19.981	ng/ul	100
83) Butylbenzylphthalate	20.575	149	613033	21.443	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.333	252	496661	20.969	ng/ul	99
85) Benzo(a)anthracene	21.404	228	1555457	20.336	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	888511	20.328	ng/ul	99
87) Chrysene	21.457	228	1484986	20.041	ng/ul	100
89) Di-n-octyl phthalate	22.286	149	1534762	20.518	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	1610809	19.965	ng/ul	100
91) Benzo(k)fluoranthene	23.169	252	1511753	20.095	ng/ul	99
93) Benzo(a)pyrene	23.763	252	1559984	20.213	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1796491	20.094	ng/ul	99
95) Dibenzo(a,h)anthracene	26.445	278	1543220	20.271	ng/ul	99
96) Benzo(g,h,i)perylene	27.210	276	1461791	18.984	ng/ul	97

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

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