Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007617.D
Acq On : 23 Oct 2021 07:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020714

Manual Integrations APPROVED
mohammad
10/25/2021 1:45:37 PM

Quant Time: Oct 23 08:10:57 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	205517	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	821796	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.581	164	525152	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1122999	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1163247	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	1260905	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	33805	6.497	ng/uL	0.00
4) Pyridine-d5	3.787	84	265805	18.661	ng/ul	0.00
7) Phenol-d5	7.111	99	315264	19.643	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	170987	17.862	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.475	132	259467	20.550	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	251422	20.337	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	116263	22.355	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.828	143	127754	26.299	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	265503	22.408	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	329469	20.563	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	714313	19.661	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	905168	19.824	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	120359	20.646	ng/ul	0.00
60) Fluorene-d10	15.575	176	610848	20.091	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	50827	11.295	ng/ul	0.00
73) Anthracene-d10	17.434	188	952467	19.971	ng/ul	0.00
81) Pyrene-d10	19.663	212	1114554	19.166	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	1239941	19.763	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	36987	6.534	ng/uL	93
5) Pyridine	3.811	79	254803	18.496	ng/ul	100
6) Benzaldehyde	7.075	77	199023	22.070	ng/ul	96
8) Phenol	7.134	94	325885	19.859	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.364	93	245158	18.512	ng/ul	98
12) 2-Chlorophenol	7.511	128	259987	20.057	ng/ul	95
13) 2-Methylphenol	8.387	108	244712	19.798	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	283315	16.788	ng/ul	97
16) Acetophenone	8.764	105	375090	19.834	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.752	70	180067	18.404	ng/ul	94
18) 4-Methylphenol	8.716	108	263804	20.037	ng/ul	97
19) Hexachloroethane	9.028	117	98690	18.184	ng/ul	92
22) Nitrobenzene	9.146	77	277159	20.756	ng/ul	96
23) Isophorone	9.675	82	509323	18.220	ng/ul	97
25) 2-Nitrophenol	9.858	139	140051	24.872	ng/ul	95
26) 2,4-Dimethylphenol	9.922	107	293225	20.395	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.158	93	323327	18.666	ng/ul	99
29) 2,4-Dichlorophenol	10.393	162	260684	22.384	ng/ul	97
30) Naphthalene	10.799	128	785617	19.657	ng/ul	99
32) 4-Chloroaniline	10.905	127	335296	20.681	ng/ul	99
33) Hexachlorobutadiene	11.093	225	180539	22.081	ng/ul	98
34) Caprolactam	11.669	113	74970	24.541	ng/ul	93
35) 4-Chloro-3-methylphenol	12.034	107	267246	21.124	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	542699	19.868	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	552783	19.991	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	327506	21.575	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	98418	10.282	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	210188	23.548	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	233748	25.153	ng/ul	97
43) 1,1'-Biphenyl	13.416	154	731925	19.554	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	576949	20.012	ng/ul	97
45) 2-Nitroaniline	13.651	65	152744	22.788	ng/ul	97
47) Dimethylphthalate	14.040	163	707996	19.619	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	141242	23.602	ng/ul	95
50) Acenaphthylene	14.299	152	907675	19.717	ng/ul	99
51) 3-Nitroaniline	14.475	138	151275	22.686	ng/ul#	97
52) Acenaphthene	14.646	153	580950	19.488	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	22999	8.320	ng/ul	92
55) 4-Nitrophenol	14.787	109	107169	20.348	ng/ul	96
56) Dibenzofuran	14.981	168	859312	19.853	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	197423	23.488	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.204	232	185983	24.118	ng/ul	98
59) Diethylphthalate	15.404	149	697142	19.374	ng/ul	99
61) Fluorene	15.628	166	667271	20.346	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	352447	21.107	ng/ul	98
63) 4-Nitroaniline	15.640	138	146055	24.707	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.704	198	51141	10.987	ng/ul#	99
67) N-Nitrosodiphenylamine	15.840	169	594480	19.663	ng/ul	98
68) 4-Bromophenyl-phenylether	16.522	248	225939	22.335	ng/ul	95
69) Hexachlorobenzene	16.640	284	258578	21.250	ng/ul	95
70) Atrazine	16.793	200	237895	20.785	ng/ul	99
71) Pentachlorophenol	16.981	266	147642	21.918	ng/ul	98
72) Phenanthrene	17.375	178	1093703	19.481	ng/ul	99
74) Anthracene	17.469	178	1105948	19.696	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	339251	20.828	ng/uL	97
76) Pentachlorobenzene	14.904	250	323260	21.290	ng/uL	99
77) Carbazole	17.734	167	1002030	20.316	ng/ul	100
78) Di-n-butylphthalate	18.298	149	1188766	19.619	ng/ul	99
80) Fluoranthene	19.339	202	1362971	18.889	ng/ul	99
82) Pyrene	19.692	202	1382011	18.994	ng/ul	98
83) Butylbenzylphthalate	20.569	149	559569	20.947	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.333	252	423154	19.119	ng/ul	98
85) Benzo(a)anthracene	21.404	228	1414380	19.789	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	816882	20.001	ng/ul	100
87) Chrysene	21.457	228	1333529	19.260	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	1426016	20.043	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	1494195	19.470	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	1349416m	18.858	ng/ul	
93) Benzo(a)pyrene	23.757	252	1414386	19.267	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1675398	19.701	ng/ul	98
95) Dibenzo(a,h)anthracene	26.445	278	1430713	19.757	ng/ul	98
96) Benzo(g,h,i)perylene	27.204	276	1432536	19.559	ng/ul	97

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

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