Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007508.D
Acq On : 20 Oct 2021 03:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020705

Manual Integrations APPROVED
mohammad
10/20/2021 1:57:04 PM

Quant Time: Oct 20 04:18:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 18 11:26:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	217804	20.00	ng/ul	0.00
20) Naphthalene-d8	10.757	136	873575	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	554332	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.339	188	1196009	20.00	ng/ul	-0.01
79) Chrysene-d12	21.427	240	1262404	20.00	ng/ul	-0.01
88) Perylene-d12	23.874	264	1369056	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	38940m	7.06	ng/uL	0.00
4) Pyridine-d5	3.793	84	280084	18.55	ng/ul	0.00
7) Phenol-d5	7.111	99	320753	18.86	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	183938	18.13	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	258119	19.29	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	255325	19.49	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	116347	21.05	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	120406	23.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	260239	20.66	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	339405	19.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	722076	18.83	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	930607	19.31	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	131809	21.42	ng/ul	0.00
60) Fluorene-d10	15.581	176	623437	19.43	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.692	200	88023	18.37	ng/ul	-0.01
73) Anthracene-d10	17.439	188	978991	19.27	ng/ul	-0.01
81) Pyrene-d10	19.669	212	1166594	18.49	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.716	264	1292920	18.98	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	40815	6.80	ng/uL	88
5) Pyridine	3.817	79	274527	18.80	ng/ul	98
6) Benzaldehyde	7.087	77	214778	22.47	ng/ul	97
8) Phenol	7.140	94	329942	18.97	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	263547	18.78	ng/ul	97
12) 2-Chlorophenol	7.516	128	263703	19.20	ng/ul	98
13) 2-Methylphenol	8.393	108	249365	19.04	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.493	45	304340	17.02	ng/ul	99
16) Acetophenone	8.775	105	394322	19.67	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.763	70	190872	18.41	ng/ul#	92
18) 4-Methylphenol	8.722	108	266963	19.13	ng/ul	98
19) Hexachloroethane	9.040	117	106655	18.54	ng/ul	95
22) Nitrobenzene	9.152	77	286044	20.15	ng/ul	99
23) Isophorone	9.687	82	548145	18.45	ng/ul	97
25) 2-Nitrophenol	9.863	139	134730	22.51	ng/ul	96
26) 2,4-Dimethylphenol	9.928	107	295483	19.33	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.169	93	343374	18.65	ng/ul	100
29) 2,4-Dichlorophenol	10.405	162	252622	20.41	ng/ul	98
30) Naphthalene	10.810	128	810977	19.09	ng/ul	100
32) 4-Chloroaniline	10.910	127	344345	19.98	ng/ul	99
33) Hexachlorobutadiene	11.110	225	174721	20.10	ng/ul	99
34) Caprolactam	11.675	113	81605	25.13	ng/ul	95
35) 4-Chloro-3-methylphenol	12.034	107	270122	20.09	ng/ul	99
36) 2-Methylnaphthalene	12.416	142	555159	19.12	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	565569	19.24	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.787	216	319808	19.96	ng/ul	99
40) Hexachlorocyclopentadiene	12.775	237	164431	16.27	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	205030	21.76	ng/ul	99
42) 2,4,5-Trichlorophenol	13.093	196	222000	22.63	ng/ul	99
43) 1,1'-Biphenyl	13.422	154	747554	18.92	ng/ul	100
44) 2-Chloronaphthalene	13.463	162	581373	19.10	ng/ul	100
45) 2-Nitroaniline	13.657	65	153133	21.64	ng/ul	96
47) Dimethylphthalate	14.045	163	712016	18.69	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	137747	21.81	ng/ul	96
50) Acenaphthylene	14.310	152	932763	19.20	ng/ul	99
51) 3-Nitroaniline	14.481	138	155674	22.12	ng/ul	97
52) Acenaphthene	14.651	153	599959	19.07	ng/ul	100
53) 2,4-Dinitrophenol	14.687	184	57040	19.55	ng/ul	94
55) 4-Nitrophenol	14.787	109	112278	20.20	ng/ul	97
56) Dibenzofuran	14.987	168	880727	19.28	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	198819	22.41	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.210	232	180808	22.21	ng/ul	97
59) Diethylphthalate	15.416	149	713595	18.79	ng/ul	99
61) Fluorene	15.640	166	680928	19.67	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	347758	19.73	ng/ul	98
63) 4-Nitroaniline	15.645	138	152856	24.50	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	91406	18.44	ng/ul	99
67) N-Nitrosodiphenylamine	15.845	169	610861	18.97	ng/ul	99
68) 4-Bromophenyl-phenylether	16.534	248	219954	20.42	ng/ul	95
69) Hexachlorobenzene	16.651	284	252135	19.46	ng/ul	95
70) Atrazine	16.804	200	239690	19.66	ng/ul	99
71) Pentachlorophenol	16.992	266	149830	20.89	ng/ul	99
72) Phenanthrene	17.381	178	1131066	18.92	ng/ul	99
74) Anthracene	17.475	178	1147406	19.19	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	332736	19.18	ng/uL	98
76) Pentachlorobenzene	14.910	250	319810	19.78	ng/uL	98
77) Carbazole	17.739	167	1077911	20.52	ng/ul	100
78) Di-n-butylphthalate	18.304	149	1242686	19.26	ng/ul	100
80) Fluoranthene	19.345	202	1432528	18.29	ng/ul	100
82) Pyrene	19.698	202	1455997	18.44	ng/ul	99
83) Butylbenzylphthalate	20.580	149	573659	19.79	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.339	252	468948	19.52	ng/ul	99
85) Benzo(a)anthracene	21.410	228	1466674	18.91	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	853267	19.25	ng/ul	99
87) Chrysene	21.463	228	1408928	18.75	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1474297	19.08	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1556570	18.68	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1453443	18.71	ng/ul	99
93) Benzo(a)pyrene	23.769	252	1507719	18.92	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	1758088	19.04	ng/ul	99
95) Dibenzo(a,h)anthracene	26.457	278	1494628	19.01	ng/ul	100
96) Benzo(g,h,i)perylene	27.215	276	1507160	18.95	ng/ul	98

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

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