Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007643.D
Acq On : 25 Oct 2021 15:35
Operator : CG/JU
Sample : SSTD08033
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD080633

Manual Integrations APPROVED
mohammad
10/26/2021 11:34:30 AM

Quant Time: Oct 25 16:12:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 14:35:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	169285	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	653703	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	401323	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	869066	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	866716	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	953618	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	133230	31.084	ng/uL	0.00
4) Pyridine-d5	3.781	84	994208	84.737	ng/ul	0.00
7) Phenol-d5	7.111	99	1160930	87.814	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	634416	80.458	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	934062	89.812	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	912315	89.590	ng/ul	0.01
21) Nitrobenzene-d5	9.105	128	434344	104.992	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	500003	129.395	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	949222	100.713	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	1190028	93.369	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	2549352	91.818	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	3142473	90.059	ng/ul	0.00
54) 4-Nitrophenol-d4	14.787	143	467015	104.826	ng/ul	0.01
60) Fluorene-d10	15.575	176	2078077	89.436	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	450882	129.478	ng/ul	0.01
73) Anthracene-d10	17.433	188	3199269	86.683	ng/ul	0.00
81) Pyrene-d10	19.669	212	3776579	87.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	4454928	93.886	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	146178	31.353	ng/uL	91
5) Pyridine	3.805	79	968383	85.338	ng/ul	100
6) Benzaldehyde	7.075	77	349971	47.115	ng/ul	96
8) Phenol	7.140	94	1162094	85.975	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.363	93	908392	83.273	ng/ul	99
12) 2-Chlorophenol	7.511	128	931163	87.210	ng/ul	97
13) 2-Methylphenol	8.393	108	883534	86.778	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1034614	74.426	ng/ul	98
16) Acetophenone	8.769	105	1312777	84.273	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.769	70	635415	78.844	ng/ul	94
18) 4-Methylphenol	8.728	108	932348	85.974	ng/ul	98
19) Hexachloroethane	9.028	117	387193	86.613	ng/ul	90
22) Nitrobenzene	9.146	77	982114	92.463	ng/ul	96
23) Isophorone	9.687	82	1915843	86.158	ng/ul	96
25) 2-Nitrophenol	9.863	139	523815	116.945	ng/ul	94
26) 2,4-Dimethylphenol	9.928	107	1031948	90.235	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.163	93	1169826	84.903	ng/ul	99
29) 2,4-Dichlorophenol	10.399	162	905004	97.692	ng/ul	98
30) Naphthalene	10.799	128	2744522	86.327	ng/ul	99
32) 4-Chloroaniline	10.910	127	1198478	92.929	ng/ul	99
33) Hexachlorobutadiene	11.093	225	646636	99.422	ng/ul	99
34) Caprolactam	11.699	113	299111m	123.089	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	954142	94.813	ng/ul	97
36) 2-Methylnaphthalene	12.410	142	1905477	87.696	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.628	142	1900138	86.385	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.775	216	1144726	98.680	ng/ul	98
40)	Hexachlorocyclopentadiene	12.763	237	766993	104.856	ng/ul	98
41)	2,4,6-Trichlorophenol	13.016	196	762685	111.809	ng/ul	98
42)	2,4,5-Trichlorophenol	13.087	196	819633	115.414	ng/ul	98
43)	1,1'-Biphenyl	13.416	154	2528747	88.405	ng/ul	99
44)	2-Chloronaphthalene	13.457	162	1956924	88.822	ng/ul	99
45)	2-Nitroaniline	13.657	65	558557	109.044	ng/ul	92
47)	Dimethylphthalate	14.045	163	2471646	89.623	ng/ul	99
48)	2,6-Dinitrotoluene	14.157	165	542071	118.530	ng/ul	92
50)	Acenaphthylene	14.304	152	3059558	86.967	ng/ul	99
51)	3-Nitroaniline	14.481	138	465943	91.437	ng/ul#	95
52)	Acenaphthene	14.645	153	1992201	87.449	ng/ul	100
53)	2,4-Dinitrophenol	14.687	184	326588	154.591	ng/ul	97
55)	4-Nitrophenol	14.804	109	415481	103.228	ng/ul	90
56)	Dibenzofuran	14.981	168	2882373	87.138	ng/ul	97
57)	2,4-Dinitrotoluene	14.945	165	756810	117.820	ng/ul	91
58)	2,3,4,6-Tetrachlorophenol	15.210	232	672120	114.052	ng/ul	95
59)	Diethylphthalate	15.410	149	2451061	89.136	ng/ul	98
61)	Fluorene	15.634	166	2207262	88.071	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.628	204	1173360	91.949	ng/ul	99
63)	4-Nitroaniline	15.651	138	397383	87.965	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.710	198	449125	124.682	ng/ul	99
67)	N-Nitrosodiphenylamine	15.839	169	1997476	85.371	ng/ul	98
68)	4-Bromophenyl-phenylether	16.522	248	782884	100.002	ng/ul	97
69)	Hexachlorobenzene	16.639	284	910090	96.644	ng/ul	97
70)	Atrazine	16.804	200	851200	96.098	ng/ul	99
71)	Pentachlorophenol	16.986	266	590728	113.321	ng/ul	100
72)	Phenanthrene	17.381	178	3723236	85.698	ng/ul	99
74)	Anthracene	17.469	178	3674105	84.553	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.381	216	1196558	94.926	ng/uL	98
76)	Pentachlorobenzene	14.904	250	1123689	95.631	ng/uL	100
77)	Carbazole	17.739	167	3362000	88.081	ng/ul	100
78)	Di-n-butylphthalate	18.298	149	4102821	87.498	ng/ul	100
80)	Fluoranthene	19.345	202	4652394	86.537	ng/ul	96
82)	Pyrene	19.698	202	4538765	83.720	ng/ul	95
83)	Butylbenzylphthalate	20.575	149	1956790	98.310	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.339	252	1363004	82.655	ng/ul#	98
85)	Benzo(a)anthracene	21.410	228	4700542	88.269	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.339	149	2764726	90.854	ng/ul	99
87)	Chrysene	21.463	228	4526219	87.739	ng/ul	99
89)	Di-n-octyl phthalate	22.280	149	5032453	93.523	ng/ul	100
90)	Benzo(b)fluoranthene	23.127	252	5242924	90.332	ng/ul	98
91)	Benzo(k)fluoranthene	23.180	252	4816720m	89.002	ng/ul	
93)	Benzo(a)pyrene	23.774	252	5037473	90.735	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.445	276	6172003	95.963	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.468	278	5196449	94.883	ng/ul	97
96)	Benzo(g,h,i)perylene	27.239	276	5324685	96.127	ng/ul#	95

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

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