Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062522\
Data File : BP010852.D
Acq On : 26 Jun 2022 05:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020683

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 26 22:56:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 24 22:42:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	904813	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	4107988	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.375	164	2318934	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	4601333	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.251	240	4537929	20.000	ng/ul	# 0.00
88) Perylene-d12	23.616	264	5020284	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	171049	7.151	ng/uL	0.00
4) Pyridine-d5	3.611	84	1248558	19.610	ng/ul	0.00
7) Phenol-d5	6.893	99	1517456	21.186	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	949018	20.260	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	1245581	20.961	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	1253375	22.136	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	599774	22.935	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	597794	27.630	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	1094363	20.471	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	1708756	19.582	ng/ul	0.00
46) Dimethylphthalate-d6	13.793	166	2987203	18.805	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	3746291	18.479	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	608215	24.514	ng/ul	0.01
60) Fluorene-d10	15.369	176	2554685	18.741	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.492	200	382075	25.063	ng/ul	0.00
73) Anthracene-d10	17.234	188	3811367	18.617	ng/ul	-0.01
81) Pyrene-d10	19.486	212	4375854	17.700	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.463	264	4692342	18.915	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	177991	6.978	ng/uL#	84
5) Pyridine	3.628	79	1265829	19.626	ng/ul#	73
6) Benzaldehyde	6.864	77	568106	15.032	ng/ul	94
8) Phenol	6.922	94	1608207	20.993	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.152	93	1269286	20.630	ng/ul	88
12) 2-Chlorophenol	7.281	128	1271890	20.735	ng/ul	92
13) 2-Methylphenol	8.169	108	1206307	21.152	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	1665327	20.174	ng/ul#	97
16) Acetophenone	8.546	105	1850120	21.277	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.540	70	911656	20.734	ng/ul#	87
18) 4-Methylphenol	8.499	108	1294158	21.790	ng/ul	97
19) Hexachloroethane	8.787	117	487148	19.610	ng/ul#	82
22) Nitrobenzene	8.922	77	1337749	20.498	ng/ul#	88
23) Isophorone	9.452	82	2534272	18.517	ng/ul	97
25) 2-Nitrophenol	9.628	139	678302	25.889	ng/ul#	78
26) 2,4-Dimethylphenol	9.699	107	1354184	18.918	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.940	93	1635706	18.946	ng/ul	97
29) 2,4-Dichlorophenol	10.163	162	1111792	20.015	ng/ul	99
30) Naphthalene	10.563	128	3922839	18.322	ng/ul	99
32) 4-Chloroaniline	10.681	127	1698821	19.649	ng/ul	100
33) Hexachlorobutadiene	10.846	225	631558	17.796	ng/ul	95
34) Caprolactam	11.475	113	381864m	21.883	ng/ul	
35) 4-Chloro-3-methylphenol	11.816	107	1231392	20.453	ng/ul	93
36) 2-Methylnaphthalene	12.181	142	2605838	18.795	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.404	142	2609882	18.948	ng/ul#	99
39)	1,2,4,5-Tetrachloroben...	12.551	216	1203651	18.063	ng/ul	99
40)	Hexachlorocyclopentadiene	12.528	237	774130	18.333	ng/ul	96
41)	2,4,6-Trichlorophenol	12.798	196	805172	20.958	ng/ul	98
42)	2,4,5-Trichlorophenol	12.869	196	883046	21.419	ng/ul	98
43)	1,1'-Biphenyl	13.204	154	3328802	18.235	ng/ul#	97
44)	2-Chloronaphthalene	13.240	162	2511454	18.263	ng/ul	98
45)	2-Nitroaniline	13.457	65	739981	25.362	ng/ul#	76
47)	Dimethylphthalate	13.840	163	2966132	18.645	ng/ul	98
48)	2,6-Dinitrotoluene	13.957	165	611610	25.660	ng/ul	90
50)	Acenaphthylene	14.093	152	4089748	18.420	ng/ul	99
51)	3-Nitroaniline	14.287	138	609453	21.328	ng/ul	88
52)	Acenaphthene	14.434	153	2621867	18.301	ng/ul	99
53)	2,4-Dinitrophenol	14.487	184	290475	31.744	ng/ul#	79
55)	4-Nitrophenol	14.604	109	453764	23.000	ng/ul#	76
56)	Dibenzofuran	14.775	168	3644269	18.571	ng/ul	95
57)	2,4-Dinitrotoluene	14.745	165	862783	27.090	ng/ul#	78
58)	2,3,4,6-Tetrachlorophenol	15.004	232	660229	22.363	ng/ul	94
59)	Diethylphthalate	15.216	149	2999677	18.967	ng/ul	99
61)	Fluorene	15.428	166	2894698	18.499	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.428	204	1355053	18.499	ng/ul	99
63)	4-Nitroaniline	15.457	138	574731	21.753	ng/ul#	76
66)	4,6-Dinitro-2-methylph...	15.510	198	398881	24.214	ng/ul#	93
67)	N-Nitrosodiphenylamine	15.645	169	2504531	17.971	ng/ul	99
68)	4-Bromophenyl-phenylether	16.328	248	830232	18.004	ng/ul	97
69)	Hexachlorobenzene	16.428	284	952681	17.836	ng/ul	96
70)	Atrazine	16.610	200	854486	18.493	ng/ul	97
71)	Pentachlorophenol	16.781	266	676386	24.593	ng/ul	98
72)	Phenanthrene	17.181	178	4504733	18.384	ng/ul	99
74)	Anthracene	17.269	178	4530109	18.382	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.163	216	1253785	16.512	ng/uL	98
76)	Pentachlorobenzene	14.687	250	1133977	17.413	ng/uL	100
77)	Carbazole	17.545	167	4302950	19.397	ng/ul	99
78)	Di-n-butylphthalate	18.116	149	5068211	19.172	ng/ul	99
80)	Fluoranthene	19.157	202	5322106	17.503	ng/ul#	87
82)	Pyrene	19.516	202	5357479	17.447	ng/ul#	85
83)	Butylbenzylphthalate	20.410	149	2414052	22.335	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.175	252	1683610	17.967	ng/ul	98
85)	Benzo(a)anthracene	21.233	228	5304427	18.690	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.175	149	3467231	20.257	ng/ul#	97
87)	Chrysene	21.286	228	5049506	18.567	ng/ul	99
89)	Di-n-octyl phthalate	22.098	149	6002173	20.142	ng/ul	100
90)	Benzo(b)fluoranthene	22.892	252	5818321	18.637	ng/ul#	96
91)	Benzo(k)fluoranthene	22.945	252	5481702	18.472	ng/ul#	95
93)	Benzo(a)pyrene	23.516	252	5657411	18.628	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	26.074	276	6803722	18.566	ng/ul#	90
95)	Dibenzo(a,h)anthracene	26.098	278	5803821	18.463	ng/ul#	92
96)	Benzo(g,h,i)perylene	26.833	276	5710245	18.318	ng/ul#	88

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

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