Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012125.D
Acq On : 13 Oct 2022 17:38
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020778

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 13 23:34:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	285664	20.000	ng/ul	0.00
20) Naphthalene-d8	10.652	136	1170485	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	617800	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1045168	20.000	ng/ul	0.00
79) Chrysene-d12	21.345	240	1089308	20.000	ng/ul	0.00
88) Perylene-d12	23.763	264	1195307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	55103	7.605	ng/uL	0.00
4) Pyridine-d5	3.699	84	400551	20.788	ng/ul	0.00
7) Phenol-d5	7.016	99	479665	20.878	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	266391	20.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	387592	21.253	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	362053	20.517	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	185979	22.498	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	195529	23.327	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	353209	21.743	ng/ul	0.00
31) 4-Chloroaniline-d4	10.799	131	484102	20.222	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	798613	20.411	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	1038278	21.460	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	134851	17.556	ng/ul	0.00
60) Fluorene-d10	15.492	176	704769	19.909	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	104032	18.850	ng/ul	0.00
73) Anthracene-d10	17.357	188	955652	21.056	ng/ul	0.00
81) Pyrene-d10	19.592	212	1053651	18.881	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.604	264	1216357	20.933	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	58387	7.658	ng/uL	96
5) Pyridine	3.717	79	387256	20.976	ng/ul	96
6) Benzaldehyde	6.993	77	273482m	25.371	ng/ul	
8) Phenol	7.046	94	501586	20.796	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.275	93	390897	20.541	ng/ul	99
12) 2-Chlorophenol	7.410	128	419030	21.172	ng/ul	99
13) 2-Methylphenol	8.299	108	375345	20.865	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	393582	20.178	ng/ul	97
16) Acetophenone	8.681	105	568900	20.911	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.663	70	261232	21.082	ng/ul	99
18) 4-Methylphenol	8.628	108	402494	20.758	ng/ul	96
19) Hexachloroethane	8.928	117	161794	21.177	ng/ul	99
22) Nitrobenzene	9.057	77	412894	21.789	ng/ul	98
23) Isophorone	9.587	82	717983	21.360	ng/ul	100
25) 2-Nitrophenol	9.769	139	223498	22.695	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	405502	21.143	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.069	93	481270	20.865	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	364457	21.349	ng/ul	99
30) Naphthalene	10.704	128	1284961	20.774	ng/ul	100
32) 4-Chloroaniline	10.822	127	501266	20.310	ng/ul	99
33) Hexachlorobutadiene	10.987	225	222056	20.976	ng/ul	98
34) Caprolactam	11.616	113	83893	17.883	ng/ul	100
35) 4-Chloro-3-methylphenol	11.951	107	333375	20.613	ng/ul	99
36) 2-Methylnaphthalene	12.316	142	818889	20.560	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.534	142	811123	20.336	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.687	216	409312	21.674	ng/ul	99
40)	Hexachlorocyclopentadiene	12.657	237	155050	16.903	ng/ul	98
41)	2,4,6-Trichlorophenol	12.928	196	251341	22.094	ng/ul	98
42)	2,4,5-Trichlorophenol	12.998	196	263132	21.283	ng/ul	100
43)	1,1'-Biphenyl	13.328	154	1000842	21.459	ng/ul	99
44)	2-Chloronaphthalene	13.369	162	797052	21.401	ng/ul	99
45)	2-Nitroaniline	13.587	65	172918	21.764	ng/ul	96
47)	Dimethylphthalate	13.957	163	835794	20.275	ng/ul	100
48)	2,6-Dinitrotoluene	14.081	165	157760	21.616	ng/ul	99
50)	Acenaphthylene	14.216	152	1153669	21.073	ng/ul	100
51)	3-Nitroaniline	14.410	138	170707	20.087	ng/ul	99
52)	Acenaphthene	14.557	153	806650	20.698	ng/ul	100
53)	2,4-Dinitrophenol	14.622	184	67865	14.394	ng/ul	99
55)	4-Nitrophenol	14.722	109	94394	17.775	ng/ul	92
56)	Dibenzofuran	14.898	168	1064763	20.215	ng/ul	100
57)	2,4-Dinitrotoluene	14.869	165	216572	20.647	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.122	232	194606	20.195	ng/ul	97
59)	Diethylphthalate	15.322	149	759217	20.110	ng/ul	100
61)	Fluorene	15.545	166	837308	20.252	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.545	204	405948	20.296	ng/ul	97
63)	4-Nitroaniline	15.575	138	164916	21.252	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.634	198	114739	19.231	ng/ul	93
67)	N-Nitrosodiphenylamine	15.757	169	678277	21.925	ng/ul	100
68)	4-Bromophenyl-phenylether	16.439	248	219824	21.614	ng/ul	96
69)	Hexachlorobenzene	16.551	284	246214	20.858	ng/ul	99
70)	Atrazine	16.722	200	191183	20.097	ng/ul	99
71)	Pentachlorophenol	16.904	266	136375	19.719	ng/ul	99
72)	Phenanthrene	17.298	178	1182405	20.803	ng/ul	99
74)	Anthracene	17.386	178	1183819	21.046	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.293	216	402781	23.849	ng/uL	98
76)	Pentachlorobenzene	14.816	250	373481	22.517	ng/uL	99
77)	Carbazole	17.663	167	1058876	21.107	ng/ul	100
78)	Di-n-butylphthalate	18.210	149	1029392	20.677	ng/ul	100
80)	Fluoranthene	19.269	202	1284630	18.786	ng/ul	99
82)	Pyrene	19.622	202	1383116	19.113	ng/ul	100
83)	Butylbenzylphthalate	20.492	149	465394	20.287	ng/ul	91
84)	3,3'-Dichlorobenzidine	21.269	252	480702	20.026	ng/ul	99
85)	Benzo(a)anthracene	21.327	228	1447902	21.117	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.251	149	637889	20.627	ng/ul	99
87)	Chrysene	21.380	228	1374676	20.828	ng/ul	99
89)	Di-n-octyl phthalate	22.180	149	1179772	19.715	ng/ul	100
90)	Benzo(b)fluoranthene	23.021	252	1605254	21.216	ng/ul	98
91)	Benzo(k)fluoranthene	23.074	252	1509388	20.281	ng/ul	99
93)	Benzo(a)pyrene	23.657	252	1413167	20.935	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.274	276	1741933	20.409	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.298	278	1561968	20.399	ng/ul	98
96)	Benzo(g,h,i)perylene	27.051	276	1532210	19.911	ng/ul#	95

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

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