Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010323\
Data File : BP013382.D
Acq On : 03 Jan 2023 17:31
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020734

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :Yogesh Patel 01/05/2023

Quant Time: Jan 04 01:10:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 28 00:16:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	550845	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	2446063	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	1672235	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	3851614	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	3395070	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	2727208	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	100883	7.831	ng/uL	0.00
4) Pyridine-d5	3.746	84	739713	20.212	ng/ul	0.00
7) Phenol-d5	7.087	99	909034	20.260	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	592890	21.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	714989	20.243	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	743813	20.232	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	363527	20.228	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	409912	20.260	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.357	165	800064	20.358	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	1124520	20.269	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	2533625	19.714	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	2854981	20.216	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	437144	18.909	ng/ul	0.00
60) Fluorene-d10	15.563	176	2222081	20.437	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	469301	18.934	ng/ul	0.00
73) Anthracene-d10	17.427	188	3448710	19.847	ng/ul	0.00
81) Pyrene-d10	19.657	212	4115155	21.117	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.715	264	2712516	19.954	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	107872	8.021	ng/uL	93
5) Pyridine	3.764	79	757693	20.831	ng/ul	91
6) Benzaldehyde	7.063	77	365770	20.819	ng/ul	95
8) Phenol	7.116	94	930668	20.515	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.346	93	776442	20.853	ng/ul	94
12) 2-Chlorophenol	7.487	128	728838	20.122	ng/ul	95
13) 2-Methylphenol	8.369	108	709650	20.065	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1228080	24.036	ng/ul	97
16) Acetophenone	8.757	105	1225300	21.737	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.740	70	636421	22.452	ng/ul	90
18) 4-Methylphenol	8.704	108	801197	20.452	ng/ul	99
19) Hexachloroethane	9.010	117	292340	20.197	ng/ul	100
22) Nitrobenzene	9.140	77	921504	21.851	ng/ul	96
23) Isophorone	9.663	82	1766426	20.715	ng/ul	97
25) 2-Nitrophenol	9.851	139	444891	20.294	ng/ul	92
26) 2,4-Dimethylphenol	9.910	107	887348	20.745	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.146	93	1106861	20.300	ng/ul	100
29) 2,4-Dichlorophenol	10.387	162	781018	20.288	ng/ul	99
30) Naphthalene	10.787	128	2535548	19.820	ng/ul	100
32) 4-Chloroaniline	10.904	127	1136084	20.693	ng/ul	99
33) Hexachlorobutadiene	11.069	225	534012	20.203	ng/ul	96
34) Caprolactam	11.687	113	241826m	18.423	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	829940	21.125	ng/ul	99
36) 2-Methylnaphthalene	12.398	142	1778729	20.268	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.616	142	1822006	20.188	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.763	216	1091358	20.268	ng/ul	99
40)	Hexachlorocyclopentadiene	12.740	237	605308	17.275	ng/ul	99
41)	2,4,6-Trichlorophenol	13.004	196	698467	20.184	ng/ul	99
42)	2,4,5-Trichlorophenol	13.075	196	751225	20.210	ng/ul	98
43)	1,1'-Biphenyl	13.404	154	2492781	19.848	ng/ul	99
44)	2-Chloronaphthalene	13.445	162	1971474	19.945	ng/ul	100
45)	2-Nitroaniline	13.657	65	557940	23.281	ng/ul	92
47)	Dimethylphthalate	14.028	163	2514147	19.737	ng/ul	99
48)	2,6-Dinitrotoluene	14.151	165	489492	20.678	ng/ul	99
50)	Acenaphthylene	14.292	152	3041726	20.034	ng/ul	100
51)	3-Nitroaniline	14.481	138	403200	18.038	ng/ul	94
52)	Acenaphthene	14.634	153	2103468	19.993	ng/ul	100
53)	2,4-Dinitrophenol	14.686	184	275017	16.996	ng/ul	95
55)	4-Nitrophenol	14.786	109	336668	21.343	ng/ul	90
56)	Dibenzofuran	14.969	168	3018025	20.176	ng/ul	100
57)	2,4-Dinitrotoluene	14.939	165	726652	21.132	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.198	232	682971	20.133	ng/ul	96
59)	Diethylphthalate	15.386	149	2427486	19.604	ng/ul	100
61)	Fluorene	15.622	166	2502474	20.860	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.610	204	1326409	20.907	ng/ul	98
63)	4-Nitroaniline	15.645	138	371108	18.867	ng/ul	90
66)	4,6-Dinitro-2-methylph...	15.704	198	459929	18.988	ng/ul	97
67)	N-Nitrosodiphenylamine	15.828	169	2104785	19.711	ng/ul	100
68)	4-Bromophenyl-phenylether	16.510	248	833121	19.918	ng/ul	100
69)	Hexachlorobenzene	16.628	284	971265	19.556	ng/ul	98
70)	Atrazine	16.780	200	799407	19.211	ng/ul	98
71)	Pentachlorophenol	16.975	266	547247	18.195	ng/ul	99
72)	Phenanthrene	17.369	178	4009735	19.987	ng/ul	100
74)	Anthracene	17.463	178	4042673	20.182	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.369	216	1076496	19.590	ng/uL	100
76)	Pentachlorobenzene	14.886	250	1106467	19.749	ng/uL	99
77)	Carbazole	17.733	167	3516811	20.847	ng/ul	99
78)	Di-n-butylphthalate	18.275	149	3921146	19.090	ng/ul	99
80)	Fluoranthene	19.333	202	4743269	21.445	ng/ul	99
82)	Pyrene	19.686	202	4889536	21.430	ng/ul	99
83)	Butylbenzylphthalate	20.551	149	1675120	19.005	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.327	252	1380202	17.995	ng/ul	99
85)	Benzo(a)anthracene	21.398	228	4517021	20.042	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.304	149	2306540	18.551	ng/ul	98
87)	Chrysene	21.451	228	4206559	19.736	ng/ul	100
89)	Di-n-octyl phthalate	22.251	149	3425049	22.417	ng/ul	100
90)	Benzo(b)fluoranthene	23.121	252	3689924	21.218	ng/ul	100
91)	Benzo(k)fluoranthene	23.174	252	3707057	21.497	ng/ul	99
93)	Benzo(a)pyrene	23.768	252	3046241	20.117	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.451	276	3326335	17.635	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.462	278	2782181	17.815	ng/ul	100
96)	Benzo(g,h,i)perylene	27.239	276	2681581	17.709	ng/ul	98

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

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