Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123022\
Data File : BP013366.D
Acq On : 30 Dec 2022 11:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 30 23:34:45 2022
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

Instrument :
BNA_P
ClientSampleId :
SSTD020731

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	462330	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	2054834	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	1426322	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	3181535	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	2256531	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	1976399	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	88344	8.170	ng/uL	0.00
4) Pyridine-d5	3.746	84	623757	20.307	ng/ul	0.00
7) Phenol-d5	7.087	99	762787	20.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	500912	22.050	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	598998	20.206	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	626978	20.320	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	303437	20.099	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	341696	20.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	675955	20.475	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	937380	20.112	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	2152891	19.640	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	2391338	19.853	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	356640	18.087	ng/ul	0.00
60) Fluorene-d10	15.563	176	1847261	19.919	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	368527	18.000	ng/ul	0.00
73) Anthracene-d10	17.428	188	2854200	19.885	ng/ul	0.00
81) Pyrene-d10	19.663	212	3121780	24.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1926745	19.559	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	92028	8.153	ng/uL	94
5) Pyridine	3.769	79	638635	20.920	ng/ul	96
6) Benzaldehyde	7.063	77	307995	20.887	ng/ul	97
8) Phenol	7.116	94	782574	20.553	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.346	93	652564	20.881	ng/ul	94
12) 2-Chlorophenol	7.487	128	617937	20.327	ng/ul	94
13) 2-Methylphenol	8.375	108	603830	20.342	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	1035065	24.137	ng/ul#	95
16) Acetophenone	8.757	105	1022137	21.604	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.740	70	543585	22.848	ng/ul	91
18) 4-Methylphenol	8.704	108	668119	20.320	ng/ul	97
19) Hexachloroethane	9.010	117	245861	20.238	ng/ul	99
22) Nitrobenzene	9.140	77	769739	21.727	ng/ul	95
23) Isophorone	9.663	82	1490534	20.807	ng/ul	97
25) 2-Nitrophenol	9.851	139	371990	20.199	ng/ul	90
26) 2,4-Dimethylphenol	9.910	107	749766	20.866	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.146	93	942842	20.584	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	670231	20.725	ng/ul	98
30) Naphthalene	10.793	128	2144952	19.959	ng/ul	100
32) 4-Chloroaniline	10.904	127	949210	20.581	ng/ul	99
33) Hexachlorobutadiene	11.069	225	463692	20.883	ng/ul	99
34) Caprolactam	11.687	113	192113m	17.422	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	712459	21.588	ng/ul	98
36) 2-Methylnaphthalene	12.398	142	1502120	20.375	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.616	142	1550982	20.457	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.763	216	933104	20.317	ng/ul	99
40)	Hexachlorocyclopentadiene	12.740	237	515544	17.249	ng/ul	99
41)	2,4,6-Trichlorophenol	13.004	196	595980	20.192	ng/ul	98
42)	2,4,5-Trichlorophenol	13.075	196	651441	20.547	ng/ul	99
43)	1,1'-Biphenyl	13.404	154	2120728	19.797	ng/ul	99
44)	2-Chloronaphthalene	13.445	162	1663198	19.727	ng/ul	100
45)	2-Nitroaniline	13.657	65	456573	22.336	ng/ul	93
47)	Dimethylphthalate	14.028	163	2152436	19.811	ng/ul	99
48)	2,6-Dinitrotoluene	14.151	165	413129	20.461	ng/ul	99
50)	Acenaphthylene	14.292	152	2571263	19.856	ng/ul	100
51)	3-Nitroaniline	14.481	138	332050	17.416	ng/ul	95
52)	Acenaphthene	14.634	153	1765037	19.669	ng/ul	99
53)	2,4-Dinitrophenol	14.687	184	209164	15.155	ng/ul	95
55)	4-Nitrophenol	14.787	109	270340	20.093	ng/ul	92
56)	Dibenzofuran	14.969	168	2580463	20.225	ng/ul	100
57)	2,4-Dinitrotoluene	14.939	165	594461	20.268	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.198	232	581344	20.092	ng/ul	96
59)	Diethylphthalate	15.386	149	2056178	19.468	ng/ul	100
61)	Fluorene	15.622	166	2112063	20.641	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.610	204	1122391	20.742	ng/ul	98
63)	4-Nitroaniline	15.645	138	296121	17.651	ng/ul	89
66)	4,6-Dinitro-2-methylph...	15.704	198	362241	18.105	ng/ul	97
67)	N-Nitrosodiphenylamine	15.828	169	1772777	20.098	ng/ul	100
68)	4-Bromophenyl-phenylether	16.510	248	703633	20.365	ng/ul	98
69)	Hexachlorobenzene	16.628	284	816729	19.908	ng/ul	98
70)	Atrazine	16.786	200	661173	19.235	ng/ul	98
71)	Pentachlorophenol	16.975	266	435506	17.529	ng/ul	99
72)	Phenanthrene	17.375	178	3286615	19.833	ng/ul	100
74)	Anthracene	17.463	178	3322399	20.079	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.369	216	931540	20.522	ng/uL	100
76)	Pentachlorobenzene	14.892	250	952180	20.575	ng/uL	99
77)	Carbazole	17.733	167	2806559	20.141	ng/ul	99
78)	Di-n-butylphthalate	18.275	149	3216026	18.955	ng/ul	99
80)	Fluoranthene	19.333	202	3675569	25.002	ng/ul	100
82)	Pyrene	19.692	202	3759793	24.793	ng/ul	97
83)	Butylbenzylphthalate	20.551	149	1140471	19.467	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.327	252	867972	17.027	ng/ul	99
85)	Benzo(a)anthracene	21.398	228	2989135	19.954	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.310	149	1459609	17.662	ng/ul	99
87)	Chrysene	21.457	228	2810203	19.837	ng/ul	100
89)	Di-n-octyl phthalate	22.251	149	2100423	18.970	ng/ul	100
90)	Benzo(b)fluoranthene	23.127	252	2520700	20.001	ng/ul	100
91)	Benzo(k)fluoranthene	23.174	252	2440826	19.531	ng/ul	99
93)	Benzo(a)pyrene	23.768	252	2179842	19.864	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.456	276	2982182	21.817	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.468	278	2488231	21.986	ng/ul	99
96)	Benzo(g,h,i)perylene	27.251	276	2450761	22.333	ng/ul	99

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

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