Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013148.D
Acq On : 20 Dec 2022 04:00
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020709

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 04:53:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	682242	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	2985723	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	1909401	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	3810534	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2587483	20.000	ng/ul	0.00
88) Perylene-d12	23.922	264	3043265	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	122453	7.674	ng/uL	0.00
4) Pyridine-d5	3.764	84	915831	20.205	ng/ul	0.00
7) Phenol-d5	7.111	99	1156099	20.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	714899	21.326	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	920767	21.048	ng/ul	0.00
15) 4-Methylphenol-d8	8.664	113	941881	20.686	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	465326	21.212	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	541710	21.934	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	1010158	21.058	ng/ul	0.00
31) 4-Chloroaniline-d4	10.905	131	1315400	19.424	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	2836949	19.332	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	3337418	20.697	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	461723	17.492	ng/ul	0.00
60) Fluorene-d10	15.593	176	2425040	19.533	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	446253	18.198	ng/ul	0.00
73) Anthracene-d10	17.451	188	3465474	20.159	ng/ul	0.00
81) Pyrene-d10	19.681	212	3358931	22.616	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	3001957	19.790	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	129404	7.769	ng/uL	98
5) Pyridine	3.787	79	922119	20.469	ng/ul	98
6) Benzaldehyde	7.093	77	461422	21.206	ng/ul	97
8) Phenol	7.140	94	1176494	20.939	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	958468	20.784	ng/ul	97
12) 2-Chlorophenol	7.516	128	938424	20.919	ng/ul	98
13) 2-Methylphenol	8.399	108	907366	20.714	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1418767	22.420	ng/ul	98
16) Acetophenone	8.787	105	1505138	21.559	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.769	70	770255	21.940	ng/ul	96
18) 4-Methylphenol	8.728	108	1006632	20.747	ng/ul	99
19) Hexachloroethane	9.040	117	377166	21.039	ng/ul	96
22) Nitrobenzene	9.169	77	1112558	21.613	ng/ul	99
23) Isophorone	9.693	82	2153179	20.686	ng/ul	98
25) 2-Nitrophenol	9.881	139	568500	21.245	ng/ul	95
26) 2,4-Dimethylphenol	9.940	107	1093571	20.945	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.175	93	1348017	20.254	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	987055	21.006	ng/ul	100
30) Naphthalene	10.822	128	3161151	20.244	ng/ul	100
32) 4-Chloroaniline	10.934	127	1319850	19.695	ng/ul	99
33) Hexachlorobutadiene	11.105	225	665719	20.634	ng/ul	99
34) Caprolactam	11.716	113	283807m	17.713	ng/ul	
35) 4-Chloro-3-methylphenol	12.052	107	996176	20.773	ng/ul	100
36) 2-Methylnaphthalene	12.422	142	2154602	20.113	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.646	142	2219884	20.150	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.793	216	1301313	21.165	ng/ul	99
40)	Hexachlorocyclopentadiene	12.769	237	696847	17.417	ng/ul	99
41)	2,4,6-Trichlorophenol	13.028	196	831708	21.049	ng/ul	99
42)	2,4,5-Trichlorophenol	13.099	196	896069	21.112	ng/ul	100
43)	1,1'-Biphenyl	13.434	154	2939276	20.497	ng/ul	100
44)	2-Chloronaphthalene	13.475	162	2333110	20.672	ng/ul	100
45)	2-Nitroaniline	13.681	65	617676	22.572	ng/ul	99
47)	Dimethylphthalate	14.051	163	2826940	19.436	ng/ul	99
48)	2,6-Dinitrotoluene	14.175	165	561719	20.781	ng/ul	97
50)	Acenaphthylene	14.322	152	3526462	20.342	ng/ul	100
51)	3-Nitroaniline	14.504	138	494751	19.384	ng/ul	98
52)	Acenaphthene	14.663	153	2415091	20.104	ng/ul	100
53)	2,4-Dinitrophenol	14.710	184	287816	15.578	ng/ul	99
55)	4-Nitrophenol	14.810	109	329625	18.301	ng/ul	98
56)	Dibenzofuran	14.993	168	3412444	19.979	ng/ul	100
57)	2,4-Dinitrotoluene	14.963	165	777480	19.802	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.222	232	745230	19.240	ng/ul	98
59)	Diethylphthalate	15.416	149	2655480	18.781	ng/ul	99
61)	Fluorene	15.645	166	2716585	19.832	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.640	204	1438273	19.855	ng/ul	99
63)	4-Nitroaniline	15.663	138	418340	18.627	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.722	198	442569	18.469	ng/ul	96
67)	N-Nitrosodiphenylamine	15.851	169	2278488	21.568	ng/ul	100
68)	4-Bromophenyl-phenylether	16.534	248	880465	21.277	ng/ul	98
69)	Hexachlorobenzene	16.651	284	1002324	20.399	ng/ul	97
70)	Atrazine	16.804	200	794998	19.311	ng/ul	99
71)	Pentachlorophenol	16.998	266	542321	18.225	ng/ul	99
72)	Phenanthrene	17.398	178	4004099	20.174	ng/ul	100
74)	Anthracene	17.487	178	4008207	20.225	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.399	216	1271401	23.386	ng/uL	99
76)	Pentachlorobenzene	14.916	250	1238762	22.349	ng/uL	99
77)	Carbazole	17.757	167	3321605	19.902	ng/ul	99
78)	Di-n-butylphthalate	18.298	149	3856164	18.976	ng/ul	100
80)	Fluoranthene	19.357	202	4047532	24.011	ng/ul	99
82)	Pyrene	19.710	202	4097588	23.565	ng/ul	100
83)	Butylbenzylphthalate	20.575	149	1354013	20.156	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.351	252	982388	16.806	ng/ul	100
85)	Benzo(a)anthracene	21.422	228	3499751	20.375	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.333	149	1816866	19.173	ng/ul	100
87)	Chrysene	21.475	228	3329795	20.499	ng/ul	99
89)	Di-n-octyl phthalate	22.280	149	2868164	16.823	ng/ul	100
90)	Benzo(b)fluoranthene	23.157	252	3648008	18.798	ng/ul	100
91)	Benzo(k)fluoranthene	23.210	252	3646157	18.948	ng/ul	100
93)	Benzo(a)pyrene	23.810	252	3377474	19.988	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.510	276	4811961	22.862	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.527	278	3953745	22.688	ng/ul	100
96)	Benzo(g,h,i)perylene	27.310	276	3898177	23.070	ng/ul	99

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

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