Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013251.D
Acq On : 22 Dec 2022 18:00
Operator : CG/JU
Sample : N6015-11MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXU7MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 21:48:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 23:38:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	638051	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	2669089	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	1627968	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	3223183	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2152271	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	2542320	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	75197	5.039	ng/uL	0.00
4) Pyridine-d5	3.763	84	795312	18.761	ng/ul	0.00
7) Phenol-d5	7.110	99	1562552	30.066	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	977093	31.166	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	1282497	31.348	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	1178106	27.666	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	654832	33.392	ng/ul	0.00
24) 2-Nitrophenol-d4	9.839	143	760717	34.456	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	1425522	33.242	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	1484461	24.521	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	3847872	30.754	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	4482213	32.602	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	559540	24.862	ng/ul	0.00
60) Fluorene-d10	15.586	176	3313462	31.304	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	618188	29.804	ng/ul	0.00
73) Anthracene-d10	17.451	188	4537240	31.203	ng/ul	0.00
81) Pyrene-d10	19.674	212	4468988	36.174	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.750	264	4097834	32.338	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	190577	12.234	ng/uL#	92
5) Pyridine	3.781	79	1410243	33.473	ng/ul	99
6) Benzaldehyde	7.087	77	1175982	57.788	ng/ul	98
8) Phenol	7.140	94	2017542	38.395	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	1549175	35.920	ng/ul	97
12) 2-Chlorophenol	7.510	128	1558198	37.140	ng/ul	96
13) 2-Methylphenol	8.392	108	1535025	37.470	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	2311610	39.059	ng/ul	97
16) Acetophenone	8.781	105	2369193	36.285	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	1204694	36.691	ng/ul	95
18) 4-Methylphenol	8.728	108	1672187	36.852	ng/ul	99
19) Hexachloroethane	9.034	117	597758	35.654	ng/ul	99
22) Nitrobenzene	9.163	77	1796336	39.036	ng/ul	99
23) Isophorone	9.692	82	3433198	36.897	ng/ul	98
25) 2-Nitrophenol	9.875	139	924754	38.658	ng/ul	96
26) 2,4-Dimethylphenol	9.934	107	1749073	37.474	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	2123720	35.695	ng/ul	100
29) 2,4-Dichlorophenol	10.410	162	1632626	38.866	ng/ul	100
30) Naphthalene	10.816	128	5146160	36.866	ng/ul	100
32) 4-Chloroaniline	10.928	127	1922555	32.092	ng/ul	99
33) Hexachlorobutadiene	11.092	225	1106428	38.362	ng/ul	98
34) Caprolactam	11.722	113	474340m	33.117	ng/ul	
35) 4-Chloro-3-methylphenol	12.045	107	1632578	38.083	ng/ul	100
36) 2-Methylnaphthalene	12.416	142	3492763	36.473	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	3461331	35.147	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	2102208	40.103	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	659867	19.344	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	1371370	40.707	ng/ul	100
42) 2,4,5-Trichlorophenol	13.098	196	1471578	40.666	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	4610807	37.711	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	3685525	38.300	ng/ul	100
45) 2-Nitroaniline	13.675	65	1030160	44.154	ng/ul	96
47) Dimethylphthalate	14.045	163	4412009	35.578	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	938064	40.704	ng/ul	99
50) Acenaphthylene	14.316	152	5523714	37.371	ng/ul	100
51) 3-Nitroaniline	14.498	138	897438	41.240	ng/ul	98
52) Acenaphthene	14.657	153	3785573	36.959	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	503333	31.952	ng/ul	97
55) 4-Nitrophenol	14.810	109	545461	35.520	ng/ul	96
56) Dibenzofuran	14.992	168	5276863	36.236	ng/ul	100
57) 2,4-Dinitrotoluene	14.957	165	1278409	38.189	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.216	232	1239393	37.530	ng/ul	98
59) Diethylphthalate	15.410	149	4254104	35.289	ng/ul	99
61) Fluorene	15.639	166	4209248	36.041	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	2262598	36.634	ng/ul	100
63) 4-Nitroaniline	15.669	138	884473	46.190	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.722	198	727545	35.894	ng/ul	97
67) N-Nitrosodiphenylamine	15.851	169	3568149	39.930	ng/ul	99
68) 4-Bromophenyl-phenylether	16.527	248	1435231	41.003	ng/ul	98
69) Hexachlorobenzene	16.651	284	1627577	39.160	ng/ul	98
70) Atrazine	16.804	200	1325816	38.073	ng/ul	100
71) Pentachlorophenol	16.992	266	918535	36.493	ng/ul	99
72) Phenanthrene	17.392	178	6358140	37.872	ng/ul	99
74) Anthracene	17.480	178	6115877	36.484	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	2111056	45.907	ng/uL	99
76) Pentachlorobenzene	14.910	250	1951298	41.619	ng/uL	100
77) Carbazole	17.751	167	5247473	37.171	ng/ul	100
78) Di-n-butylphthalate	18.292	149	6704152	39.003	ng/ul	100
80) Fluoranthene	19.351	202	6593322	47.022	ng/ul	100
82) Pyrene	19.710	202	6493272	44.893	ng/ul	98
83) Butylbenzylphthalate	20.568	149	2245444	40.185	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.345	252	1283250	26.393	ng/ul	100
85) Benzo(a)anthracene	21.415	228	5717871	40.019	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.327	149	2912179	36.946	ng/ul	99
87) Chrysene	21.474	228	5371772	39.757	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	4754011	33.378	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	6172251	38.073	ng/ul	100
91) Benzo(k)fluoranthene	23.203	252	6017429	37.432	ng/ul	99
93) Benzo(a)pyrene	23.803	252	5520327	39.107	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.509	276	7564697	43.022	ng/ul	100
95) Dibenzo(a,h)anthracene	26.521	278	6158279	42.302	ng/ul	99
96) Benzo(g,h,i)perylene	27.303	276	6316086	44.744	ng/ul	98

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

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