Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102722\
Data File : BP012371.D
Acq On : 28 Oct 2022 11:14
Operator : CG/JU
Sample : N5232-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Oct 28 23:20:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 28 06:05:59 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHA50

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/31/2022

Supervised By :mohammad ahmed 10/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	256151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.605	136	1180785	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	784472	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1775367	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	2018101	20.000	ng/ul	0.00
88) Perylene-d12	23.710	264	2063563	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	25186	3.959	ng/uL	0.00
4) Pyridine-d5	3.681	84	50094	2.741	ng/ul	0.01
7) Phenol-d5	6.975	99	235115	10.234	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	427250	31.152	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	461189	27.488	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	364295	20.048	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	291606	38.083	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	308202	38.779	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	592821	34.419	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	108761	4.241	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	2055926	38.284	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	2253742	36.724	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	122044	12.008	ng/ul	0.01
60) Fluorene-d10	15.451	176	1785529	38.835	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	306971	33.210	ng/ul	0.00
73) Anthracene-d10	17.316	188	3057742	39.972	ng/ul	0.00
81) Pyrene-d10	19.557	212	3709368	36.610	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	4038060	40.049	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	26278	3.885	ng/uL	97
5) Pyridine	3.699	79	54947	3.060	ng/ul	94
6) Benzaldehyde	6.952	77	37225	3.435	ng/ul	98
8) Phenol	7.005	94	81353	3.406	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.234	93	106794	5.570	ng/ul	100
12) 2-Chlorophenol	7.369	128	64654	3.540	ng/ul	98
13) 2-Methylphenol	8.258	108	52360	2.850	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.340	45	70342	2.736	ng/ul	97
16) Acetophenone	8.634	105	88991	3.153	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	40946	3.014	ng/ul	96
18) 4-Methylphenol	8.587	108	63150	3.145	ng/ul	98
19) Hexachloroethane	8.875	117	39290m	5.593	ng/ul	
22) Nitrobenzene	9.016	77	75709	3.790	ng/ul	98
23) Isophorone	9.540	82	114587	2.741	ng/ul	98
25) 2-Nitrophenol	9.728	139	31968	3.355	ng/ul	94
26) 2,4-Dimethylphenol	9.787	107	62290	2.977	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	80521	3.010	ng/ul	96
29) 2,4-Dichlorophenol	10.257	162	59814	3.345	ng/ul#	89
30) Naphthalene	10.657	128	205138	3.278	ng/ul	99
32) 4-Chloroaniline	10.781	127	85349	3.234	ng/ul	97
33) Hexachlorobutadiene	10.934	225	33256	2.990	ng/ul	98
34) Caprolactam	11.575	113	18119	2.978	ng/ul	96
35) 4-Chloro-3-methylphenol	11.910	107	58226	2.964	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	132634	3.091	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	162853	3.801	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.640	216	70580	3.063	ng/ul	96
40) Hexachlorocyclopentadiene	12.610	237	11361	1.066	ng/ul	93
41) 2,4,6-Trichlorophenol	12.887	196	43688	2.966	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	47831	2.977	ng/ul	94
43) 1,1'-Biphenyl	13.287	154	183232	3.177	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	144574	3.190	ng/ul	99
45) 2-Nitroaniline	13.546	65	34194	3.255	ng/ul	97
47) Dimethylphthalate	13.916	163	176692	3.123	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	29761	3.168	ng/ul	88
50) Acenaphthylene	14.175	152	222334	3.231	ng/ul	100
51) 3-Nitroaniline	14.381	138	31125	2.706	ng/ul#	91
52) Acenaphthene	14.522	153	185909	3.844	ng/ul	96
53) 2,4-Dinitrophenol	14.593	184	13261	2.090	ng/ul#	83
55) 4-Nitrophenol	14.698	109	23971	3.117	ng/ul	90
56) Dibenzofuran	14.857	168	219508	3.324	ng/ul	98
57) 2,4-Dinitrotoluene	14.834	165	44635	3.154	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.087	232	42628	3.126	ng/ul#	88
59) Diethylphthalate	15.281	149	190143	3.454	ng/ul	98
61) Fluorene	15.510	166	184653	3.520	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	86091	3.345	ng/ul	98
63) 4-Nitroaniline	15.545	138	34683	3.337	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.598	198	27810	2.824	ng/ul#	38
67) N-Nitrosodiphenylamine	15.722	169	2123778	42.473	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	55779	3.128	ng/ul	97
69) Hexachlorobenzene	16.516	284	65168	3.047	ng/ul	99
70) Atrazine	16.687	200	21308	1.230	ng/ul	92
71) Pentachlorophenol	16.869	266	38518	2.932	ng/ul	97
72) Phenanthrene	17.257	178	302207	3.222	ng/ul	99
74) Anthracene	17.351	178	302992	3.252	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	74886	2.949	ng/uL	97
76) Pentachlorobenzene	14.775	250	73068	2.725	ng/uL	97
77) Carbazole	17.628	167	293605	3.538	ng/ul	100
78) Di-n-butylphthalate	18.175	149	348021	3.610	ng/ul	99
80) Fluoranthene	19.233	202	379879	3.037	ng/ul	98
82) Pyrene	19.586	202	396464	3.060	ng/ul	99
83) Butylbenzylphthalate	20.457	149	174403	3.610	ng/ul	96
85) Benzo(a)anthracene	21.292	228	418057	3.247	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	258289	3.497	ng/ul	99
87) Chrysene	21.345	228	393346	3.268	ng/ul	98
89) Di-n-octyl phthalate	22.133	149	421760	3.427	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	431305	3.301	ng/ul	99
91) Benzo(k)fluoranthene	23.016	252	404792	3.250	ng/ul	98
93) Benzo(a)pyrene	23.598	252	362859	3.180	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.186	276	412248	2.899	ng/ul	98
95) Dibenzo(a,h)anthracene	26.198	278	356926	2.803	ng/ul	99
96) Benzo(g,h,i)perylene	26.951	276	338494	2.693	ng/ul	98

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

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