Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
Data File : BP016223.D
Acq On : 14 Jul 2023 13:23
Operator : MA/JU
Sample : 03418-23MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 14 23:38:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 18:57:06 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A46K6MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	158018	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	731083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	469886	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	1082716	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	1115915	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1367245	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	15639	3.502	ng/uL	0.00
4) Pyridine-d5	3.734	84	224627	20.169	ng/ul	0.00
7) Phenol-d5	7.140	99	407448	28.547	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.287	67	249801	25.883	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.487	132	294327	28.566	ng/ul	-0.01
15) 4-Methylphenol-d8	8.699	113	313862	27.298	ng/ul	-0.01
21) Nitrobenzene-d5	9.146	128	150624	29.864	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.875	143	173883	30.248	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.428	165	330503	33.201	ng/ul	-0.03
31) 4-Chloroaniline-d4	10.952	131	411390	25.783	ng/ul	-0.02
46) Dimethylphthalate-d6	14.022	166	1069349	29.834	ng/ul	-0.01
49) Acenaphthylene-d8	14.304	160	1205210	30.682	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.934	143	303778m	41.528	ng/ul	0.00
60) Fluorene-d10	15.604	176	923918	30.800	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.781	200	167964	26.873	ng/ul	-0.02
73) Anthracene-d10	17.481	188	1472305	31.087	ng/ul	0.00
81) Pyrene-d10	19.710	212	1903159	32.867	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.804	264	2147676	32.710	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	50696	10.350	ng/uL#	92
5) Pyridine	3.752	79	329002	28.841	ng/ul	97
6) Benzaldehyde	7.111	77	256318	28.760	ng/ul	96
8) Phenol	7.169	94	526266	34.396	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.381	93	402779	32.370	ng/ul	99
12) 2-Chlorophenol	7.522	128	372784	34.872	ng/ul	98
13) 2-Methylphenol	8.422	108	377796	32.807	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.493	45	640219m	31.704	ng/ul	
16) Acetophenone	8.805	105	659135	34.765	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	369782	36.379	ng/ul	94
18) 4-Methylphenol	8.763	108	423668	33.644	ng/ul	98
19) Hexachloroethane	9.022	117	158433	32.509	ng/ul	97
22) Nitrobenzene	9.187	77	532493	36.337	ng/ul	99
23) Isophorone	9.705	82	1051924	36.213	ng/ul	98
25) 2-Nitrophenol	9.905	139	233038	37.731	ng/ul	96
26) 2,4-Dimethylphenol	9.969	107	284938	20.979	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.193	93	615396	36.384	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	392757	38.370	ng/ul	98
30) Naphthalene	10.822	128	1347338	35.118	ng/ul	99
32) 4-Chloroaniline	10.975	127	441054	27.793	ng/ul	100
33) Hexachlorobutadiene	11.081	225	240642	34.614	ng/ul	99
34) Caprolactam	11.787	113	149963	40.469	ng/ul	93
35) 4-Chloro-3-methylphenol	12.104	107	487372	38.584	ng/ul	98
36) 2-Methylnaphthalene	12.440	142	917302	35.659	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	933654	35.291	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.810	216	498118	37.221	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	98659	18.779	ng/ul	96
41) 2,4,6-Trichlorophenol	13.069	196	320006	37.848	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	364949	40.599	ng/ul	100
43) 1,1'-Biphenyl	13.445	154	1272034	37.111	ng/ul	99
44) 2-Chloronaphthalene	13.493	162	1000798	37.163	ng/ul	99
45) 2-Nitroaniline	13.734	65	362863	41.346	ng/ul	99
47) Dimethylphthalate	14.069	163	1310669	36.204	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	272931	39.991	ng/ul	98
50) Acenaphthylene	14.334	152	1591726	35.281	ng/ul	99
51) 3-Nitroaniline	14.569	138	273839	39.511	ng/ul	95
52) Acenaphthene	14.675	153	1118742	36.663	ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	130233m	27.263	ng/ul	
55) 4-Nitrophenol	14.934	109	236206m	42.431	ng/ul	
56) Dibenzofuran	15.016	168	1552115	37.344	ng/ul	100
57) 2,4-Dinitrotoluene	15.034	165	401332	39.862	ng/ul	83
58) 2,3,4,6-Tetrachlorophenol	15.257	232	303879	37.249	ng/ul	99
59) Diethylphthalate	15.428	149	1370410	36.402	ng/ul	100
61) Fluorene	15.663	166	1273194	36.669	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	613166	36.514	ng/ul	99
63) 4-Nitroaniline	15.745	138	269587	42.354	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	212258	32.491	ng/ul	99
67) N-Nitrosodiphenylamine	15.875	169	1077759	37.554	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	388048	37.713	ng/ul	99
69) Hexachlorobenzene	16.675	284	462447	37.320	ng/ul	99
70) Atrazine	16.834	200	246132	21.628	ng/ul	99
71) Pentachlorophenol	17.045	266	216824	34.894	ng/ul	97
72) Phenanthrene	17.422	178	2139064	37.917	ng/ul	99
74) Anthracene	17.516	178	2089565	36.861	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	515539	36.270	ng/uL	98
76) Pentachlorobenzene	14.934	250	1204215	89.754	ng/uL	98
77) Carbazole	17.798	167	2003593	38.766	ng/ul	99
78) Di-n-butylphthalate	18.310	149	2591579	40.028	ng/ul	100
80) Fluoranthene	19.386	202	2745333	40.544	ng/ul	100
82) Pyrene	19.745	202	2836095	39.230	ng/ul	97
83) Butylbenzylphthalate	20.592	149	1301099	41.731	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	834674	32.012	ng/ul	100
85) Benzo(a)anthracene	21.457	228	2800753	38.542	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	2091210	44.899	ng/ul	99
87) Chrysene	21.510	228	2753277	37.401	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	3467699	40.491	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	3130109	40.079	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	3070313	38.631	ng/ul	99
93) Benzo(a)pyrene	23.857	252	2741253	35.432	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.610	276	3485966	36.387	ng/ul	99
95) Dibenzo(a,h)anthracene	26.604	278	2879751	36.852	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	2782013	36.381	ng/ul	99

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

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