Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
Data File : BP016222.D
Acq On : 14 Jul 2023 12:49
Operator : MA/JU
Sample : 03418-22MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 14 23:35:25 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 :
A46K6MS

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	150472	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	717681	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	465142	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	1074593	20.000	ng/ul	0.00
79) Chrysene-d12	21.469	240	1093839	20.000	ng/ul	-0.01
88) Perylene-d12	23.974	264	1302818	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	15271	3.591	ng/uL	0.00
4) Pyridine-d5	3.734	84	209883	19.791	ng/ul	0.00
7) Phenol-d5	7.140	99	389754	28.677	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.287	67	240003	26.114	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.487	132	277654	28.299	ng/ul	-0.01
15) 4-Methylphenol-d8	8.699	113	303221	27.695	ng/ul	-0.01
21) Nitrobenzene-d5	9.146	128	145730	29.433	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.875	143	167202	29.629	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.434	165	321346	32.884	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.952	131	391398	24.988	ng/ul	-0.02
46) Dimethylphthalate-d6	14.022	166	1059856	29.871	ng/ul	-0.01
49) Acenaphthylene-d8	14.304	160	1189581	30.593	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.934	143	300675m	41.523	ng/ul	0.00
60) Fluorene-d10	15.604	176	908197	30.584	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.787	200	159391	25.694	ng/ul	-0.01
73) Anthracene-d10	17.481	188	1441826	30.674	ng/ul	0.00
81) Pyrene-d10	19.710	212	1839328	32.406	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.798	264	2029102	32.432	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	44921	9.631	ng/uL#	92
5) Pyridine	3.752	79	311442	28.671	ng/ul	97
6) Benzaldehyde	7.117	77	245132	28.885	ng/ul	95
8) Phenol	7.169	94	502377	34.482	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.381	93	390818	32.984	ng/ul	99
12) 2-Chlorophenol	7.522	128	358235	35.191	ng/ul	96
13) 2-Methylphenol	8.422	108	357741	32.623	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.487	45	623320m	32.415	ng/ul	
16) Acetophenone	8.805	105	629420	34.862	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.775	70	354287	36.602	ng/ul	97
18) 4-Methylphenol	8.763	108	410080	34.198	ng/ul	98
19) Hexachloroethane	9.022	117	150320	32.391	ng/ul	98
22) Nitrobenzene	9.193	77	516266	35.888	ng/ul	99
23) Isophorone	9.710	82	1027400	36.030	ng/ul	99
25) 2-Nitrophenol	9.905	139	226700	37.390	ng/ul	98
26) 2,4-Dimethylphenol	9.969	107	275719	20.679	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.193	93	607098	36.564	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	383720	38.187	ng/ul	96
30) Naphthalene	10.822	128	1308198	34.734	ng/ul	99
32) 4-Chloroaniline	10.975	127	434571	27.895	ng/ul	98
33) Hexachlorobutadiene	11.081	225	233747	34.250	ng/ul	98
34) Caprolactam	11.793	113	144189	39.638	ng/ul	94
35) 4-Chloro-3-methylphenol	12.104	107	472855	38.133	ng/ul	99
36) 2-Methylnaphthalene	12.440	142	892738	35.352	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	909850	35.033	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.810	216	481998	36.384	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	97768	18.799	ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	314662	37.595	ng/ul	98
42) 2,4,5-Trichlorophenol	13.163	196	338651	38.058	ng/ul	99
43) 1,1'-Biphenyl	13.446	154	1248938	36.809	ng/ul	98
44) 2-Chloronaphthalene	13.493	162	977982	36.686	ng/ul	99
45) 2-Nitroaniline	13.734	65	347009	39.943	ng/ul	99
47) Dimethylphthalate	14.069	163	1285336	35.867	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	264516	39.153	ng/ul	97
50) Acenaphthylene	14.334	152	1555391	34.827	ng/ul	98
51) 3-Nitroaniline	14.569	138	270166	39.379	ng/ul	94
52) Acenaphthene	14.675	153	1084761	35.912	ng/ul	98
53) 2,4-Dinitrophenol	14.816	184	123716	26.163	ng/ul	95
55) 4-Nitrophenol	14.928	109	229802m	41.702	ng/ul	
56) Dibenzofuran	15.016	168	1512490	36.762	ng/ul	99
57) 2,4-Dinitrotoluene	15.034	165	391676	39.300	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	15.257	232	291715	36.123	ng/ul	98
59) Diethylphthalate	15.428	149	1348670	36.189	ng/ul	99
61) Fluorene	15.663	166	1254578	36.502	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	597065	35.918	ng/ul	99
63) 4-Nitroaniline	15.745	138	252148	40.018	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.798	198	203591	31.400	ng/ul	99
67) N-Nitrosodiphenylamine	15.875	169	1061472	37.266	ng/ul	98
68) 4-Bromophenyl-phenylether	16.551	248	384669	37.667	ng/ul	97
69) Hexachlorobenzene	16.675	284	448564	36.473	ng/ul	99
70) Atrazine	16.834	200	239558	21.210	ng/ul	98
71) Pentachlorophenol	17.040	266	206825	33.536	ng/ul	98
72) Phenanthrene	17.422	178	2099056	37.489	ng/ul	99
74) Anthracene	17.516	178	2061982	36.650	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	503866	35.717	ng/uL	99
76) Pentachlorobenzene	14.934	250	1163560	87.380	ng/uL	99
77) Carbazole	17.804	167	1945079	37.918	ng/ul	99
78) Di-n-butylphthalate	18.310	149	2532460	39.410	ng/ul	100
80) Fluoranthene	19.386	202	2672149	40.260	ng/ul	100
82) Pyrene	19.745	202	2769332	39.080	ng/ul	99
83) Butylbenzylphthalate	20.592	149	1260108	41.232	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.386	252	786979	30.792	ng/ul	98
85) Benzo(a)anthracene	21.451	228	2704478	37.968	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	2030047	44.465	ng/ul	99
87) Chrysene	21.510	228	2666031	36.947	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	3328712	40.790	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	2976235	39.993	ng/ul	99
91) Benzo(k)fluoranthene	23.251	252	2898412	38.272	ng/ul	99
93) Benzo(a)pyrene	23.857	252	2588742	35.115	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.604	276	3264657	35.762	ng/ul	99
95) Dibenzo(a,h)anthracene	26.604	278	2692632	36.161	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	2604170	35.739	ng/ul	100

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

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