Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013502.D
Acq On : 17 Jan 2023 19:39
Operator : CG/JU
Sample : 01145-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 18 01:16:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 18 01:06:35 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A43S7MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/18/2023
Supervised By :mohammad ahmed 01/20/2023

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Supervised By :mohammad ahmed

01/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	454661	20.000	ng/ul		0.00
20) Naphthalene-d8	10.710	136	1768800	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.546	164	1110927	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.310	188	2835069	20.000	ng/ul		0.00
79) Chrysene-d12	21.398	240	73888	20.000	ng/ul	#	0.00
88) Perylene-d12	23.874	264	3005200	20.000	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.293	96	36854	3.151	ng/uL		0.00
4) Pyridine-d5	3.728	84	180021	5.518	ng/ul		0.00
7) Phenol-d5	7.064	99	721357	19.120	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	433641	18.219	ng/ul		0.00
11) 2-Chlorophenol-d4	7.428	132	581040	20.652	ng/ul		0.00
15) 4-Methylphenol-d8	8.616	113	563443	19.603	ng/ul		0.00
21) Nitrobenzene-d5	9.069	128	269341	21.386	ng/ul		0.00
24) 2-Nitrophenol-d4	9.793	143	311763	22.613	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.334	165	598455	21.781	ng/ul		0.00
31) 4-Chloroaniline-d4	10.852	131	631785	16.322	ng/ul		0.00
46) Dimethylphthalate-d6	13.957	166	1655177	20.450	ng/ul		0.00
49) Acenaphthylene-d8	14.240	160	1927856	21.518	ng/ul		0.00
54) 4-Nitrophenol-d4	14.757	143	287959	19.437	ng/ul		0.00
60) Fluorene-d10	15.545	176	1486273	20.789	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	304252	16.925	ng/ul		0.02
73) Anthracene-d10	17.416	188	2365032	18.873	ng/ul		0.00
81) Pyrene-d10	19.645	212	3021445	751.584	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.716	264	3112082	21.082	ng/ul		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	85633	6.648	ng/uL	#	95
5) Pyridine	3.746	79	236804	7.178	ng/ul		95
6) Benzaldehyde	7.040	77	483585	33.607	ng/ul		93
8) Phenol	7.093	94	792053	20.293	ng/ul		99
10) Bis(2-Chloroethyl)ether	7.322	93	605202	19.609	ng/ul		99
12) 2-Chlorophenol	7.464	128	624230	21.298	ng/ul		95
13) 2-Methylphenol	8.346	108	578372	20.634	ng/ul		95
14) 2,2'-oxybis(1-Chloropr...	8.428	45	936278	19.659	ng/ul		99
16) Acetophenone	8.728	105	959019	21.140	ng/ul		99
17) N-Nitroso-di-n-propyla...	8.711	70	451182	20.803	ng/ul		99
18) 4-Methylphenol	8.675	108	630481	20.463	ng/ul		100
19) Hexachloroethane	8.981	117	255950	21.673	ng/ul		97
22) Nitrobenzene	9.111	77	687499	20.913	ng/ul		95
23) Isophorone	9.640	82	1231360	21.404	ng/ul		99
25) 2-Nitrophenol	9.822	139	341401	22.776	ng/ul		99
26) 2,4-Dimethylphenol	9.881	107	659596	21.093	ng/ul		99
27) Bis(2-Chloroethoxy)met...	10.122	93	783137	20.599	ng/ul		99
29) 2,4-Dichlorophenol	10.358	162	609191	22.162	ng/ul		99
30) Naphthalene	10.763	128	1937465	20.590	ng/ul		99
32) 4-Chloroaniline	10.875	127	610934	15.699	ng/ul		98
33) Hexachlorobutadiene	11.040	225	433641	21.969	ng/ul		98
34) Caprolactam	11.657	113	165658m	20.257	ng/ul		
35) 4-Chloro-3-methylphenol	11.999	107	617237	23.266	ng/ul		99
36) 2-Methylnaphthalene	12.369	142	1287546	21.396	ng/ul		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1329437	21.298	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.740	216	797775	20.947	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	388963	16.976	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	525042	23.435	ng/ul	100
42) 2,4,5-Trichlorophenol	13.051	196	564067	23.136	ng/ul	99
43) 1,1'-Biphenyl	13.381	154	1799477	21.335	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	1411682	20.742	ng/ul	99
45) 2-Nitroaniline	13.634	65	400328	24.306	ng/ul	95
47) Dimethylphthalate	14.004	163	1711600	21.166	ng/ul	100
48) 2,6-Dinitrotoluene	14.128	165	349429	24.954	ng/ul	94
50) Acenaphthylene	14.269	152	2166414	21.941	ng/ul	99
51) 3-Nitroaniline	14.463	138	324986	21.911	ng/ul	93
52) Acenaphthene	14.610	153	1513985	21.423	ng/ul	100
53) 2,4-Dinitrophenol	14.675	184	210992	20.242	ng/ul#	85
55) 4-Nitrophenol	14.769	109	241331	21.431	ng/ul	98
56) Dibenzofuran	14.945	168	2126020	20.947	ng/ul	98
57) 2,4-Dinitrotoluene	14.922	165	516859	24.831	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	500877	23.550	ng/ul	98
59) Diethylphthalate	15.375	149	1712275	22.623	ng/ul	99
61) Fluorene	15.598	166	2419937	29.870	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	15.593	204	917830	21.694	ng/ul	95
63) 4-Nitroaniline	15.634	138	392824m	28.645	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.698	198	328912	18.537	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	776440	10.126	ng/ul#	40
68) 4-Bromophenyl-phenylether	16.498	248	604844	20.596	ng/ul	97
69) Hexachlorobenzene	16.616	284	682020	19.262	ng/ul	98
70) Atrazine	16.769	200	606309	20.685	ng/ul	98
71) Pentachlorophenol	16.957	266	373103	17.703	ng/ul	98
72) Phenanthrene	17.357	178	2822779	18.728	ng/ul	99
74) Anthracene	17.445	178	2898745	19.470	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.346	216	787323	18.389	ng/uL	100
76) Pentachlorobenzene	14.869	250	770087	18.474	ng/uL	99
77) Carbazole	17.716	167	2659431	20.623	ng/ul	100
78) Di-n-butylphthalate	18.257	149	3278614	25.925	ng/ul	99
80) Fluoranthene	19.322	202	3624553	787.746	ng/ul	98
82) Pyrene	19.675	202	3764999	772.259	ng/ul	99
83) Butylbenzylphthalate	20.539	149	1570754	1061.774	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	31846m	23.387	ng/ul	
85) Benzo(a)anthracene	21.380	228	137318	28.063	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.292	149	81248113m	39427.375	ng/ul	
87) Chrysene	21.445	228	1570790	329.355	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	4380475	34.008	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	4021192	21.158	ng/ul#	98
91) Benzo(k)fluoranthene	23.169	252	3986274	21.981	ng/ul#	98
93) Benzo(a)pyrene	23.763	252	3600510	21.577	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.439	276	4842910	20.945	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	4065287	21.077	ng/ul	100
96) Benzo(g,h,i)perylene	27.221	276	3413632	17.950	ng/ul	99

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

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