Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
Data File : BP017915.D
Acq On : 06 Nov 2023 15:55
Operator : MA/JU
Sample : SSTD01041
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 07 03:29:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:03:13 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010604

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :mohammad ahmed 11/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	68212	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	327289	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	229567	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	530031	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	536713	20.000	ng/ul	# 0.00
88) Perylene-d12	23.898	264	582924	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	7360	4.069	ng/uL	0.00
4) Pyridine-d5	3.681	84	42626	8.618	ng/ul	0.00
7) Phenol-d5	7.028	99	56034	8.760	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	35889	9.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	47194	9.397	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	46981	8.886	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	24353	8.672	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	29228	8.983	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	54337	9.159	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	72082	9.007	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	197109	9.281	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	211562	9.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	17966	5.805	ng/ul	0.00
60) Fluorene-d10	15.522	176	166234	9.392	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	30915	7.976	ng/ul	0.00
73) Anthracene-d10	17.398	188	266893	9.254	ng/ul	0.00
81) Pyrene-d10	19.645	212	320266	8.956	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	311413	9.089	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	8111	4.048	ng/uL	89
5) Pyridine	3.705	79	47668	9.269	ng/ul	93
6) Benzaldehyde	7.034	77	36348	10.216	ng/ul	98
8) Phenol	7.058	94	55993	8.898	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.305	93	46932	9.313	ng/ul	96
12) 2-Chlorophenol	7.416	128	46616	9.314	ng/ul	99
13) 2-Methylphenol	8.316	108	41913	8.664	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.375	45	55095m	9.497	ng/ul	
16) Acetophenone	8.716	105	78820	9.290	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	44094	9.562	ng/ul	97
18) 4-Methylphenol	8.652	108	46707	8.975	ng/ul	94
19) Hexachloroethane	8.916	117	23614	9.266	ng/ul	96
22) Nitrobenzene	9.110	77	65608	8.710	ng/ul	99
23) Isophorone	9.616	82	120143	8.724	ng/ul	98
25) 2-Nitrophenol	9.810	139	31037	9.251	ng/ul	95
26) 2,4-Dimethylphenol	9.851	107	64565	9.212	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.104	93	71562	9.407	ng/ul	99
29) 2,4-Dichlorophenol	10.334	162	52029	8.959	ng/ul	94
30) Naphthalene	10.728	128	185376	9.366	ng/ul	99
32) 4-Chloroaniline	10.881	127	68607	8.926	ng/ul	99
33) Hexachlorobutadiene	10.946	225	45626	9.693	ng/ul	98
34) Caprolactam	11.710	113	16237m	9.448	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	59062	9.082	ng/ul	98
36) 2-Methylnaphthalene	12.340	142	127213	9.327	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	131743	9.390	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	77282	9.331	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	28649	6.765	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	48562	9.201	ng/ul	93
42) 2,4,5-Trichlorophenol	13.034	196	49045	8.885	ng/ul	97
43) 1,1'-Biphenyl	13.357	154	177781	9.055	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	141601	9.009	ng/ul	98
45) 2-Nitroaniline	13.657	65	39224	8.378	ng/ul	99
47) Dimethylphthalate	13.992	163	194128	9.270	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	37207	8.980	ng/ul	99
50) Acenaphthylene	14.251	152	237876	9.140	ng/ul	99
51) 3-Nitroaniline	14.492	138	29985	8.079	ng/ul	90
52) Acenaphthene	14.592	153	158424	9.168	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	14937	6.441	ng/ul	98
55) 4-Nitrophenol	14.798	109	29910	8.042	ng/ul	93
56) Dibenzofuran	14.928	168	218156	9.088	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	55664	9.060	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.151	232	49053	9.560	ng/ul	98
59) Diethylphthalate	15.345	149	202668	9.275	ng/ul	97
61) Fluorene	15.581	166	187276	9.243	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.569	204	98359	9.400	ng/ul	96
63) 4-Nitroaniline	15.663	138	29704m	8.561	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.692	198	33411	8.251	ng/ul	99
67) N-Nitrosodiphenylamine	15.798	169	157858	9.265	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	62001	9.464	ng/ul	90
69) Hexachlorobenzene	16.557	284	72035	9.629	ng/ul	97
70) Atrazine	16.757	200	60161	9.656	ng/ul	99
71) Pentachlorophenol	16.933	266	38719	8.898	ng/ul	94
72) Phenanthrene	17.339	178	302046	9.238	ng/ul	99
74) Anthracene	17.433	178	305924	9.209	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	79806	9.224	ng/uL	98
76) Pentachlorobenzene	14.816	250	82024	9.519	ng/uL	99
77) Carbazole	17.728	167	253520	8.975	ng/ul	99
78) Di-n-butylphthalate	18.233	149	340791	9.213	ng/ul	99
80) Fluoranthene	19.316	202	371942	8.911	ng/ul	98
82) Pyrene	19.674	202	389670	8.970	ng/ul	96
83) Butylbenzylphthalate	20.539	149	157456	8.248	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	119229	8.887	ng/ul	99
85) Benzo(a)anthracene	21.398	228	396006	9.123	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	225161	8.218	ng/ul	98
87) Chrysene	21.451	228	367188	9.138	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	378424	7.687	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	389575	9.188	ng/ul	98
91) Benzo(k)fluoranthene	23.174	252	380661	9.005	ng/ul	98
93) Benzo(a)pyrene	23.780	252	356060	9.072	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	437500	9.302	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.551	278	358995	9.191	ng/ul#	96
96) Benzo(g,h,i)perylene	27.351	276	346992	9.260	ng/ul	96

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

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