Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
Data File : BP019122.D
Acq On : 27 Dec 2023 19:32
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 03:52:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 28 03:15:29 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020726

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/28/2023
Supervised By :Sohil Jodhani 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	156874	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	592774	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	363321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	813399	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	889569	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1053538	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	34203	7.446	ng/uL	0.00
4) Pyridine-d5	3.652	84	224957	19.512	ng/ul	0.00
7) Phenol-d5	6.981	99	271920	19.329	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	163239	20.057	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	215949	19.041	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	212283	19.382	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	99997	19.515	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	106824	19.290	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	221042	19.766	ng/ul	0.00
31) 4-Chloroaniline-d4	10.752	131	266513	19.376	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	615261	19.172	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	673304	19.336	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	101555	18.740	ng/ul	0.00
60) Fluorene-d10	15.445	176	521744	18.819	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	96865	18.165	ng/ul	0.00
73) Anthracene-d10	17.310	188	815951	19.209	ng/ul	0.00
81) Pyrene-d10	19.551	212	1023503	18.879	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	1156357	19.095	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	37871	7.499	ng/uL	96
5) Pyridine	3.675	79	228568	19.532	ng/ul	99
6) Benzaldehyde	6.952	77	129199	19.780	ng/ul	96
8) Phenol	7.011	94	270785	19.488	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.240	93	226453	20.142	ng/ul	97
12) 2-Chlorophenol	7.369	128	217929	18.774	ng/ul	100
13) 2-Methylphenol	8.258	108	200499	19.505	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	267625	20.179	ng/ul	99
16) Acetophenone	8.634	105	325030	19.814	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.622	70	153899	18.815	ng/ul	98
18) 4-Methylphenol	8.587	108	213067	19.257	ng/ul	99
19) Hexachloroethane	8.881	117	94900	19.491	ng/ul	97
22) Nitrobenzene	9.010	77	240659	19.224	ng/ul	97
23) Isophorone	9.540	82	430512	19.070	ng/ul	99
25) 2-Nitrophenol	9.722	139	115473	19.529	ng/ul	97
26) 2,4-Dimethylphenol	9.793	107	210217	20.194	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.028	93	293118	19.645	ng/ul	100
29) 2,4-Dichlorophenol	10.257	162	213867	19.571	ng/ul	100
30) Naphthalene	10.657	128	685235	19.173	ng/ul	100
32) 4-Chloroaniline	10.775	127	261060	19.779	ng/ul	98
33) Hexachlorobutadiene	10.934	225	166209	19.763	ng/ul	98
34) Caprolactam	11.569	113	50095m	17.355	ng/ul	
35) 4-Chloro-3-methylphenol	11.904	107	204925	19.103	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	467664	19.408	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	465311	19.149	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	297810	19.902	ng/ul	100
40) Hexachlorocyclopentadiene	12.616	237	163976	19.743	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	169159	18.943	ng/ul	99
42) 2,4,5-Trichlorophenol	12.957	196	181729	19.171	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	608143	19.188	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	486626	19.135	ng/ul	99
45) 2-Nitroaniline	13.540	65	117711	19.281	ng/ul	91
47) Dimethylphthalate	13.916	163	608520	19.210	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	110990	19.067	ng/ul	96
50) Acenaphthylene	14.175	152	760793	19.419	ng/ul	100
51) 3-Nitroaniline	14.369	138	107784	18.940	ng/ul	98
52) Acenaphthene	14.516	153	500879	18.864	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	59832	15.955	ng/ul	96
55) 4-Nitrophenol	14.681	109	80719	18.638	ng/ul	96
56) Dibenzofuran	14.851	168	722756	19.061	ng/ul	97
57) 2,4-Dinitrotoluene	14.828	165	163260	19.071	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	157213	18.982	ng/ul	99
59) Diethylphthalate	15.287	149	584455	19.029	ng/ul	99
61) Fluorene	15.504	166	578141	19.049	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	316365	19.088	ng/ul	98
63) 4-Nitroaniline	15.534	138	107641	18.800	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	105509	18.688	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	489132	19.703	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	201251	19.906	ng/ul	98
69) Hexachlorobenzene	16.510	284	244565	19.795	ng/ul	98
70) Atrazine	16.681	200	111167	15.868	ng/ul	99
71) Pentachlorophenol	16.857	266	136131	18.767	ng/ul	97
72) Phenanthrene	17.251	178	932538	18.918	ng/ul	99
74) Anthracene	17.345	178	951841	19.396	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	285811	20.209	ng/uL	97
76) Pentachlorobenzene	14.769	250	284049	20.212	ng/uL	99
77) Carbazole	17.622	167	826023	20.236	ng/ul	99
78) Di-n-butylphthalate	18.175	149	988130	19.519	ng/ul	100
80) Fluoranthene	19.228	202	1168280	18.779	ng/ul	99
82) Pyrene	19.580	202	1221835	18.746	ng/ul	100
83) Butylbenzylphthalate	20.463	149	451636	19.398	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	430915	19.364	ng/ul	99
85) Benzo(a)anthracene	21.298	228	1325519	18.859	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	686225	20.016	ng/ul	99
87) Chrysene	21.351	228	1242363	18.956	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	1190866	19.766	ng/ul	100
90) Benzo(b)fluoranthene	22.957	252	1391053	18.798	ng/ul	100
91) Benzo(k)fluoranthene	23.004	252	1396726	19.208	ng/ul	99
93) Benzo(a)pyrene	23.574	252	1321303	18.970	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.139	276	1688019	18.906	ng/ul	98
95) Dibenzo(a,h)anthracene	26.157	278	1412460	19.016	ng/ul	99
96) Benzo(g,h,i)perylene	26.892	276	1365195	19.080	ng/ul	98

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

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