Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040323\
Data File : BP014527.D
Acq On : 04 Apr 2023 14:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020658

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2023
Supervised By :Jagrut Upadhyay 04/05/2023

Quant Time: Apr 04 23:45:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 04 23:43:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	119329	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	464694	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	273241	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.416	188	596781	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	649867	20.000	ng/ul	0.00
88) Perylene-d12	24.021	264	761155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	26435	8.591	ng/uL	0.00
4) Pyridine-d5	3.811	84	159855	20.272	ng/ul	0.00
7) Phenol-d5	7.169	99	213602	19.409	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	141490	20.038	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	162371	20.413	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	162012	18.251	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	76662	20.436	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	86164	20.059	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.452	165	153968	19.681	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	201354	19.540	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	426959	19.272	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	499330	20.312	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	58076	17.352	ng/ul	0.00
60) Fluorene-d10	15.651	176	366973	19.863	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	73057	16.637	ng/ul	0.00
73) Anthracene-d10	17.516	188	577549	19.997	ng/ul	0.00
81) Pyrene-d10	19.745	212	703711	16.121	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	814804	20.149	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	29117	8.610	ng/uL	95
5) Pyridine	3.834	79	177410	21.499	ng/ul	98
6) Benzaldehyde	7.140	77	136215	24.902	ng/ul	96
8) Phenol	7.199	94	226380	19.830	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	176931	19.286	ng/ul	99
12) 2-Chlorophenol	7.563	128	166899	20.160	ng/ul	90
13) 2-Methylphenol	8.457	108	161005	18.911	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	241230m	20.027	ng/ul	
16) Acetophenone	8.840	105	268979	18.350	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.816	70	143459	18.116	ng/ul	95
18) 4-Methylphenol	8.787	108	173525	18.558	ng/ul	98
19) Hexachloroethane	9.081	117	74186	20.509	ng/ul	94
22) Nitrobenzene	9.222	77	222713	20.665	ng/ul	99
23) Isophorone	9.746	82	372672	18.760	ng/ul	99
25) 2-Nitrophenol	9.940	139	91221	20.119	ng/ul	99
26) 2,4-Dimethylphenol	9.999	107	200049	19.713	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	226607	19.026	ng/ul	100
29) 2,4-Dichlorophenol	10.481	162	149635	19.436	ng/ul	95
30) Naphthalene	10.875	128	525310	20.295	ng/ul	99
32) 4-Chloroaniline	10.999	127	203880	19.534	ng/ul	100
33) Hexachlorobutadiene	11.146	225	118015	19.348	ng/ul	98
34) Caprolactam	11.787	113	42553m	18.709	ng/ul	
35) 4-Chloro-3-methylphenol	12.128	107	173626	18.335	ng/ul	98
36) 2-Methylnaphthalene	12.481	142	333024	18.985	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	333139	19.149	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.846	216	199143	20.442	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	119176	18.890	ng/ul	98
41) 2,4,6-Trichlorophenol	13.098	196	119694	19.855	ng/ul	99
42) 2,4,5-Trichlorophenol	13.175	196	125313	19.526	ng/ul	98
43) 1,1'-Biphenyl	13.487	154	444799	20.149	ng/ul	99
44) 2-Chloronaphthalene	13.534	162	358458	20.537	ng/ul	98
45) 2-Nitroaniline	13.751	65	116609	21.572	ng/ul	98
47) Dimethylphthalate	14.110	163	423488	19.118	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	83666	19.332	ng/ul	95
50) Acenaphthylene	14.381	152	541136	20.669	ng/ul	100
51) 3-Nitroaniline	14.581	138	76436	19.714	ng/ul	94
52) Acenaphthene	14.722	153	378420	20.454	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	52375m	18.688	ng/ul	
55) 4-Nitrophenol	14.904	109	58406	17.681	ng/ul	95
56) Dibenzofuran	15.057	168	525335	20.199	ng/ul	99
57) 2,4-Dinitrotoluene	15.034	165	125313	20.413	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.287	232	111743	19.372	ng/ul	99
59) Diethylphthalate	15.469	149	411365	18.688	ng/ul	99
61) Fluorene	15.704	166	423536	20.092	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	217236	19.181	ng/ul	97
63) 4-Nitroaniline	15.745	138	76610m	24.319	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.798	198	72087	16.940	ng/ul	99
67) N-Nitrosodiphenylamine	15.916	169	351765	18.945	ng/ul	100
68) 4-Bromophenyl-phenylether	16.598	248	133775	18.014	ng/ul	98
69) Hexachlorobenzene	16.716	284	156451	18.341	ng/ul	99
70) Atrazine	16.875	200	128341	18.988	ng/ul	100
71) Pentachlorophenol	17.069	266	99096	20.053	ng/ul	96
72) Phenanthrene	17.463	178	669919	20.177	ng/ul	99
74) Anthracene	17.551	178	677188	20.237	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	200701	19.106	ng/uL	97
76) Pentachlorobenzene	14.975	250	191531	18.273	ng/uL	99
77) Carbazole	17.828	167	611563	21.839	ng/ul	99
78) Di-n-butylphthalate	18.357	149	660423	18.756	ng/ul	100
80) Fluoranthene	19.422	202	811142	15.716	ng/ul	98
82) Pyrene	19.775	202	870302	16.151	ng/ul	99
83) Butylbenzylphthalate	20.633	149	327833	17.663	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.422	252	293846	20.445	ng/ul	100
85) Benzo(a)anthracene	21.486	228	918265	19.940	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	462417	18.219	ng/ul	99
87) Chrysene	21.545	228	884725	20.346	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	819479	16.590	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	989048	19.240	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	971709	19.462	ng/ul	99
93) Benzo(a)pyrene	23.904	252	888481	20.079	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.651	276	1215927	19.974	ng/ul	99
95) Dibenzo(a,h)anthracene	26.668	278	1009225	19.801	ng/ul	99
96) Benzo(g,h,i)perylene	27.468	276	998396	20.120	ng/ul	99

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

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