Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
Data File : BP016597.D
Acq On : 15 Aug 2023 17:19
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020685

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 15 18:21:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	412531	20.000	ng/ul	0.00
20) Naphthalene-d8	10.892	136	1832772	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1090691	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	2354003	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	2179455	20.000	ng/ul	0.00
88) Perylene-d12	24.156	264	2249725	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	89493	8.243	ng/uL	0.00
4) Pyridine-d5	3.828	84	678058	20.528	ng/ul	0.00
7) Phenol-d5	7.193	99	782082	20.564	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	508100	20.284	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	599065	21.930	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	630616	20.853	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	294954	22.872	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	294716	24.062	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	558265	23.161	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	866679	20.956	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1648265	20.894	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1965414	22.073	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	337273	20.987	ng/ul	0.00
60) Fluorene-d10	15.698	176	1414724	21.036	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	200182	17.875	ng/ul	0.00
73) Anthracene-d10	17.574	188	2189077	21.499	ng/ul	0.00
81) Pyrene-d10	19.804	212	2569468	22.500	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2339278	21.697	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	97252	8.147	ng/uL	98
5) Pyridine	3.852	79	705037	20.573	ng/ul	97
6) Benzaldehyde	7.210	77	506823	24.175	ng/ul	97
8) Phenol	7.222	94	836184	20.571	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.487	93	665774	20.276	ng/ul	99
12) 2-Chlorophenol	7.610	128	609306	21.199	ng/ul	98
13) 2-Methylphenol	8.493	108	609778	20.652	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.569	45	923046m	20.170	ng/ul	
16) Acetophenone	8.904	105	997760	20.431	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.875	70	533751	20.379	ng/ul	99
18) 4-Methylphenol	8.828	108	665595	20.511	ng/ul	100
19) Hexachloroethane	9.134	117	249349	20.765	ng/ul	98
22) Nitrobenzene	9.298	77	787201	21.806	ng/ul	99
23) Isophorone	9.810	82	1470873	21.571	ng/ul	100
25) 2-Nitrophenol	10.004	139	328767	23.479	ng/ul	96
26) 2,4-Dimethylphenol	10.040	107	719370	21.792	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.298	93	903809	20.678	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	560888	22.616	ng/ul	99
30) Naphthalene	10.940	128	1994818	20.832	ng/ul	99
32) 4-Chloroaniline	11.069	127	856975	20.921	ng/ul	100
33) Hexachlorobutadiene	11.175	225	320868	21.463	ng/ul	98
34) Caprolactam	11.875	113	200208	20.751	ng/ul	99
35) 4-Chloro-3-methylphenol	12.157	107	662264	21.847	ng/ul	99
36) 2-Methylnaphthalene	12.539	142	1327964	20.703	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	1345882	20.839	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.886	216	635602	21.787	ng/ul	98
40) Hexachlorocyclopentadiene	12.839	237	304244	17.140	ng/ul	99
41) 2,4,6-Trichlorophenol	13.134	196	429652	23.665	ng/ul	97
42) 2,4,5-Trichlorophenol	13.204	196	462431	23.497	ng/ul	98
43) 1,1'-Biphenyl	13.545	154	1689492	20.839	ng/ul	98
44) 2-Chloronaphthalene	13.592	162	1346692	21.349	ng/ul	99
45) 2-Nitroaniline	13.816	65	443774	23.268	ng/ul	96
47) Dimethylphthalate	14.163	163	1661261	20.596	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	322916	23.113	ng/ul	98
50) Acenaphthylene	14.439	152	2254525	21.499	ng/ul	99
51) 3-Nitroaniline	14.639	138	365367	23.324	ng/ul	99
52) Acenaphthene	14.775	153	1466055	20.885	ng/ul	98
53) 2,4-Dinitrophenol	14.839	184	119116	15.315	ng/ul	98
55) 4-Nitrophenol	14.922	109	272852	20.884	ng/ul	99
56) Dibenzofuran	15.110	168	1979787	20.672	ng/ul	98
57) 2,4-Dinitrotoluene	15.086	165	480714	22.977	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.322	232	378537	22.957	ng/ul	95
59) Diethylphthalate	15.522	149	1696935	20.576	ng/ul	99
61) Fluorene	15.757	166	1627436	20.723	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	768275	20.841	ng/ul	96
63) 4-Nitroaniline	15.810	138	362058	24.151	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.833	198	223747	18.019	ng/ul	99
67) N-Nitrosodiphenylamine	15.969	169	1378591	21.605	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	457557	21.770	ng/ul	98
69) Hexachlorobenzene	16.733	284	521895	21.251	ng/ul	98
70) Atrazine	16.922	200	490179	21.353	ng/ul	99
71) Pentachlorophenol	17.098	266	327319	21.648	ng/ul	96
72) Phenanthrene	17.516	178	2601321	20.975	ng/ul	100
74) Anthracene	17.610	178	2644154	21.226	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	667619	22.317	ng/uL	97
76) Pentachlorobenzene	14.998	250	587746	21.897	ng/uL	99
77) Carbazole	17.886	167	2463657	21.461	ng/ul	99
78) Di-n-butylphthalate	18.404	149	2981615	22.437	ng/ul	100
80) Fluoranthene	19.474	202	3032233	22.247	ng/ul	99
82) Pyrene	19.833	202	3175088	22.061	ng/ul	98
83) Butylbenzylphthalate	20.692	149	1386551	23.914	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.486	252	979414	20.637	ng/ul	99
85) Benzo(a)anthracene	21.551	228	3135547	21.407	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	2025465	24.071	ng/ul	99
87) Chrysene	21.610	228	2902118	21.173	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	3469806	24.717	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	2873261	21.449	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	2895503	21.789	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2653442	20.999	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.903	276	2921306	19.588	ng/ul	98
95) Dibenzo(a,h)anthracene	26.939	278	2422562	19.519	ng/ul	99
96) Benzo(g,h,i)perylene	27.768	276	2275279	19.169	ng/ul	97

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

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