Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016556.D
Acq On : 14 Aug 2023 12:09
Operator : MA/JU
Sample : SSTD04028
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 18:14:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 15:11:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040627

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	304467	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	1402655	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	835853	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	1826211	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	1655210	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1818524	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	132053	16.481	ng/uL	0.00
4) Pyridine-d5	3.828	84	1004495	41.205	ng/ul	0.00
7) Phenol-d5	7.199	99	1175789	41.888	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	772010	41.758	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	882541	43.775	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	943060	42.253	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	439051	44.486	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	442829	47.241	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	835315	45.281	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	1322252	41.775	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	2560473	42.352	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	2988137	43.790	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	524572	42.593	ng/ul	0.00
60) Fluorene-d10	15.704	176	2161257	41.934	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	366689	42.207	ng/ul	0.00
73) Anthracene-d10	17.581	188	3329319	42.147	ng/ul	0.00
81) Pyrene-d10	19.810	212	3802187	43.840	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	3791480	43.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	144690	16.423	ng/uL	98
5) Pyridine	3.852	79	1040537	41.139	ng/ul	97
6) Benzaldehyde	7.217	77	680422	43.974	ng/ul	98
8) Phenol	7.228	94	1242037	41.400	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.493	93	1009890	41.672	ng/ul	98
12) 2-Chlorophenol	7.611	128	898009	42.332	ng/ul	99
13) 2-Methylphenol	8.493	108	918195	42.135	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1410586m	41.770	ng/ul	
16) Acetophenone	8.911	105	1523114	42.259	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.887	70	821619	42.505	ng/ul	98
18) 4-Methylphenol	8.834	108	1002135	41.842	ng/ul	99
19) Hexachloroethane	9.140	117	370439	41.798	ng/ul	97
22) Nitrobenzene	9.305	77	1186455	42.943	ng/ul	98
23) Isophorone	9.822	82	2286692	43.819	ng/ul	100
25) 2-Nitrophenol	10.005	139	501033	46.754	ng/ul	99
26) 2,4-Dimethylphenol	10.046	107	1079566	42.732	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.305	93	1395008	41.703	ng/ul	100
29) 2,4-Dichlorophenol	10.528	162	830761	43.770	ng/ul	98
30) Naphthalene	10.946	128	3000833	40.947	ng/ul	99
32) 4-Chloroaniline	11.075	127	1311089	41.829	ng/ul	100
33) Hexachlorobutadiene	11.181	225	478644	41.835	ng/ul	99
34) Caprolactam	11.887	113	313645m	42.073	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	1013863	43.701	ng/ul	99
36) 2-Methylnaphthalene	12.546	142	2031662	41.386	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	2055429	41.584	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	943062	42.182	ng/ul	99
40) Hexachlorocyclopentadiene	12.846	237	583185	42.872	ng/ul	100
41) 2,4,6-Trichlorophenol	13.140	196	641391	46.097	ng/ul	99
42) 2,4,5-Trichlorophenol	13.204	196	694486	46.047	ng/ul	100
43) 1,1'-Biphenyl	13.546	154	2611108	42.027	ng/ul	99
44) 2-Chloronaphthalene	13.593	162	2016714	41.719	ng/ul	99
45) 2-Nitroaniline	13.822	65	680097	46.530	ng/ul	94
47) Dimethylphthalate	14.169	163	2581021	41.755	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	506993	47.353	ng/ul	98
50) Acenaphthylene	14.440	152	3407288	42.399	ng/ul	99
51) 3-Nitroaniline	14.646	138	520492	43.357	ng/ul	98
52) Acenaphthene	14.775	153	2219070	41.250	ng/ul	99
53) 2,4-Dinitrophenol	14.840	184	244893	41.087	ng/ul	97
55) 4-Nitrophenol	14.928	109	420812	42.029	ng/ul	96
56) Dibenzofuran	15.110	168	2981690	40.625	ng/ul	100
57) 2,4-Dinitrotoluene	15.087	165	739996	46.155	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.322	232	562074	44.481	ng/ul	99
59) Diethylphthalate	15.528	149	2654170	41.996	ng/ul	99
61) Fluorene	15.763	166	2444322	40.615	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	1138519	40.300	ng/ul	99
63) 4-Nitroaniline	15.816	138	501550	43.656	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.840	198	410936	42.659	ng/ul	99
67) N-Nitrosodiphenylamine	15.975	169	2090920	42.239	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	691409	42.403	ng/ul	98
69) Hexachlorobenzene	16.740	284	788212	41.371	ng/ul	99
70) Atrazine	16.928	200	757671	42.543	ng/ul	99
71) Pentachlorophenol	17.098	266	490552	41.820	ng/ul	96
72) Phenanthrene	17.522	178	3921552	40.759	ng/ul	100
74) Anthracene	17.616	178	3972658	41.108	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	994951	42.870	ng/uL	98
76) Pentachlorobenzene	15.004	250	880159	42.267	ng/uL	99
77) Carbazole	17.892	167	3706430	41.618	ng/ul	99
78) Di-n-butylphthalate	18.404	149	4569686	44.325	ng/ul	99
80) Fluoranthene	19.481	202	4516331	43.631	ng/ul	98
82) Pyrene	19.839	202	4633380	42.389	ng/ul	98
83) Butylbenzylphthalate	20.698	149	2092974	47.532	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.492	252	1568292	43.512	ng/ul	99
85) Benzo(a)anthracene	21.557	228	4661673	41.906	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	3045866	47.662	ng/ul	99
87) Chrysene	21.616	228	4312643	41.430	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	5223821	46.040	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	4665260	43.085	ng/ul	99
91) Benzo(k)fluoranthene	23.416	252	4566165	42.508	ng/ul	98
93) Benzo(a)pyrene	24.051	252	4360127	42.687	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.921	276	5105772	42.353	ng/ul	99
95) Dibenzo(a,h)anthracene	26.951	278	4219658	42.060	ng/ul	100
96) Benzo(g,h,i)perylene	27.786	276	4040577	42.113	ng/ul	99

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

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