Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016868.D
Acq On : 30 Aug 2023 12:38
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020711

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

Quant Time: Aug 31 01:18:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 02:25:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	503962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	2196258	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1357014	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2939379	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	2463142	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	2264847	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	90305	7.406	ng/uL	0.00
4) Pyridine-d5	3.811	84	672087	18.036	ng/ul	0.00
7) Phenol-d5	7.164	99	796243	17.768	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	517044	18.103	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	626911	18.606	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	646477	17.672	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	312096	18.794	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	333830	19.072	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	620435	19.013	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	897750	17.940	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	1833901	17.920	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	2188378	18.916	ng/ul	0.00
54) 4-Nitrophenol-d4	14.887	143	332586	15.723	ng/ul	0.00
60) Fluorene-d10	15.675	176	1601098	18.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	266618	15.231	ng/ul	0.00
73) Anthracene-d10	17.545	188	2440615	18.732	ng/ul	0.00
81) Pyrene-d10	19.780	212	2751455	20.339	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	2101368	18.523	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	95530	7.194	ng/uL	98
5) Pyridine	3.834	79	695277	18.114	ng/ul	98
6) Benzaldehyde	7.181	77	517308	21.109	ng/ul	99
8) Phenol	7.193	94	838394	17.877	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.458	93	677519	17.898	ng/ul	98
12) 2-Chlorophenol	7.575	128	643097	18.673	ng/ul	98
13) 2-Methylphenol	8.458	108	621408	17.664	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1004585m	18.192	ng/ul	
16) Acetophenone	8.869	105	1032671	18.205	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.846	70	541132	18.102	ng/ul	100
18) 4-Methylphenol	8.793	108	683753	17.849	ng/ul	100
19) Hexachloroethane	9.093	117	258036	18.007	ng/ul	99
22) Nitrobenzene	9.263	77	799849	18.775	ng/ul	99
23) Isophorone	9.781	82	1497460	18.098	ng/ul	100
25) 2-Nitrophenol	9.969	139	364042	18.809	ng/ul	100
26) 2,4-Dimethylphenol	10.005	107	722860	18.582	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	918764	17.998	ng/ul	99
29) 2,4-Dichlorophenol	10.487	162	622019	18.976	ng/ul	99
30) Naphthalene	10.904	128	2110929	18.554	ng/ul	99
32) 4-Chloroaniline	11.034	127	886124	18.018	ng/ul	98
33) Hexachlorobutadiene	11.134	225	366538	18.153	ng/ul	99
34) Caprolactam	11.857	113	204409	16.910	ng/ul	98
35) 4-Chloro-3-methylphenol	12.128	107	676423	18.402	ng/ul	99
36) 2-Methylnaphthalene	12.504	142	1444267	18.392	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1461213	18.452	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.851	216	723371	18.703	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	524503	18.441	ng/ul	99
41) 2,4,6-Trichlorophenol	13.104	196	491721	19.038	ng/ul	98
42) 2,4,5-Trichlorophenol	13.175	196	519066	18.572	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1889102	18.724	ng/ul	100
44) 2-Chloronaphthalene	13.557	162	1496031	18.783	ng/ul	99
45) 2-Nitroaniline	13.793	65	451829	18.705	ng/ul	98
47) Dimethylphthalate	14.140	163	1867872	18.022	ng/ul	100
48) 2,6-Dinitrotoluene	14.281	165	366645	18.054	ng/ul	99
50) Acenaphthylene	14.404	152	2483548	18.756	ng/ul	99
51) 3-Nitroaniline	14.616	138	382902	18.106	ng/ul	98
52) Acenaphthene	14.740	153	1626157	18.563	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	225406	15.274	ng/ul	99
55) 4-Nitrophenol	14.898	109	254545	15.934	ng/ul	97
56) Dibenzofuran	15.075	168	2220711	18.475	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	546553	18.284	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.292	232	428092	17.992	ng/ul	100
59) Diethylphthalate	15.492	149	1860018	17.666	ng/ul	99
61) Fluorene	15.728	166	1840858	18.310	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	889969	18.030	ng/ul	99
63) 4-Nitroaniline	15.787	138	362879	18.033	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.810	198	292102	15.478	ng/ul	97
67) N-Nitrosodiphenylamine	15.945	169	1530749	18.829	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	514659	18.262	ng/ul	96
69) Hexachlorobenzene	16.704	284	569588	18.052	ng/ul	97
70) Atrazine	16.898	200	563086	18.371	ng/ul	100
71) Pentachlorophenol	17.069	266	405072	17.294	ng/ul	99
72) Phenanthrene	17.486	178	2878800	18.604	ng/ul	99
74) Anthracene	17.581	178	2934865	18.757	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	761804	19.356	ng/uL	99
76) Pentachlorobenzene	14.969	250	660234	18.771	ng/uL	99
77) Carbazole	17.863	167	2640985	18.741	ng/ul	100
78) Di-n-butylphthalate	18.375	149	3232192	18.385	ng/ul	100
80) Fluoranthene	19.451	202	3316889	20.411	ng/ul	99
82) Pyrene	19.810	202	3438649	20.485	ng/ul	98
83) Butylbenzylphthalate	20.663	149	1459673	20.163	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	935779	17.774	ng/ul	100
85) Benzo(a)anthracene	21.527	228	3192902	18.819	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	2140822	20.253	ng/ul	99
87) Chrysene	21.586	228	2884677	18.718	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	3508026	20.568	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2645719	18.294	ng/ul	100
91) Benzo(k)fluoranthene	23.363	252	2673063	18.688	ng/ul	99
93) Benzo(a)pyrene	23.992	252	2417255	18.478	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.833	276	2573516	19.252	ng/ul	98
95) Dibenzo(a,h)anthracene	26.862	278	2125188	19.141	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	2022599	19.957	ng/ul	98

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

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