Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
Data File : BP011497.D
Acq On : 19 Aug 2022 00:58
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 19 02:02:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020748

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
Supervised By :Sohil Jodhani 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	103836	20.000	ng/ul	0.00
20) Naphthalene-d8	10.340	136	427516	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.228	164	241037	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	479152	20.000	ng/ul	0.00
79) Chrysene-d12	21.127	240	473853	20.000	ng/ul	0.00
88) Perylene-d12	23.421	264	493797	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	25788	7.707	ng/uL	0.00
4) Pyridine-d5	3.475	84	160576	18.744	ng/ul	0.00
7) Phenol-d5	6.740	99	169700	17.784	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	110362	17.802	ng/ul	0.00
11) 2-Chlorophenol-d4	7.087	132	136966	19.516	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	131338	17.196	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	63962	20.782	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.434	143	64524	20.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	114590	19.818	ng/ul	0.00
31) 4-Chloroaniline-d4	10.493	131	174629	18.143	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	328290	19.257	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	377207	19.908	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	60077	18.290	ng/ul	0.00
60) Fluorene-d10	15.228	176	273165	19.046	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	48472	18.721	ng/ul	0.00
73) Anthracene-d10	17.098	188	417022	19.651	ng/ul	0.00
81) Pyrene-d10	19.363	212	457967	19.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.268	264	463271	19.287	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	26645	7.637	ng/uL	99
5) Pyridine	3.493	79	161202	18.851	ng/ul	96
6) Benzaldehyde	6.710	77	87520	19.986	ng/ul	99
8) Phenol	6.763	94	172434	17.585	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.999	93	136060	17.788	ng/ul	99
12) 2-Chlorophenol	7.116	128	144080	19.078	ng/ul	98
13) 2-Methylphenol	8.010	108	127345	17.628	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.099	45	195601m	17.261	ng/ul	
16) Acetophenone	8.387	105	212556	16.730	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	109973	17.402	ng/ul	96
18) 4-Methylphenol	8.340	108	136333	17.047	ng/ul	96
19) Hexachloroethane	8.616	117	65393	19.090	ng/ul	99
22) Nitrobenzene	8.757	77	173610	20.012	ng/ul	99
23) Isophorone	9.287	82	287963	18.909	ng/ul	99
25) 2-Nitrophenol	9.463	139	73009	20.429	ng/ul	96
26) 2,4-Dimethylphenol	9.534	107	162319	19.129	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.775	93	173347	18.832	ng/ul	96
29) 2,4-Dichlorophenol	9.998	162	115786	19.567	ng/ul	96
30) Naphthalene	10.393	128	433468	19.203	ng/ul	99
32) 4-Chloroaniline	10.516	127	178633	17.913	ng/ul	98
33) Hexachlorobutadiene	10.669	225	74610	19.806	ng/ul	96
34) Caprolactam	11.310	113	36183	16.864	ng/ul	97
35) 4-Chloro-3-methylphenol	11.657	107	141519	18.916	ng/ul	99
36) 2-Methylnaphthalene	12.016	142	274969	18.723	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	278367	18.688	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.392	216	123570	20.198	ng/ul	97
40) Hexachlorocyclopentadiene	12.369	237	66089	17.413	ng/ul	97
41) 2,4,6-Trichlorophenol	12.645	196	80677	20.489	ng/ul	96
42) 2,4,5-Trichlorophenol	12.716	196	88185	20.119	ng/ul	98
43) 1,1'-Biphenyl	13.051	154	353388	19.676	ng/ul	99
44) 2-Chloronaphthalene	13.092	162	268176	19.815	ng/ul	98
45) 2-Nitroaniline	13.316	65	94045	20.360	ng/ul	95
47) Dimethylphthalate	13.698	163	335942	19.066	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	64479	20.354	ng/ul	99
50) Acenaphthylene	13.945	152	443686	19.711	ng/ul	99
51) 3-Nitroaniline	14.151	138	61336	17.776	ng/ul#	98
52) Acenaphthene	14.292	153	289895	19.228	ng/ul	99
53) 2,4-Dinitrophenol	14.363	184	32796	16.915	ng/ul	99
55) 4-Nitrophenol	14.469	109	70957	18.131	ng/ul	97
56) Dibenzofuran	14.634	168	395932	19.043	ng/ul	99
57) 2,4-Dinitrotoluene	14.616	165	95772	20.195	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.863	232	67721	19.679	ng/ul	96
59) Diethylphthalate	15.081	149	369565	19.150	ng/ul	100
61) Fluorene	15.286	166	321136	18.880	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.286	204	146206	19.027	ng/ul	97
63) 4-Nitroaniline	15.328	138	64343m	19.305	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.381	198	50984	19.037	ng/ul	94
67) N-Nitrosodiphenylamine	15.510	169	274511	19.528	ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	84580	19.774	ng/ul	97
69) Hexachlorobenzene	16.292	284	96531	19.583	ng/ul	99
70) Atrazine	16.480	200	98981	18.867	ng/ul	99
71) Pentachlorophenol	16.645	266	56024	18.329	ng/ul	98
72) Phenanthrene	17.039	178	498631	19.226	ng/ul	99
74) Anthracene	17.133	178	509121	19.458	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	127679	20.729	ng/uL	99
76) Pentachlorobenzene	14.545	250	117730	20.144	ng/uL	98
77) Carbazole	17.416	167	464985	18.894	ng/ul	98
78) Di-n-butylphthalate	17.992	149	610091	20.131	ng/ul	99
80) Fluoranthene	19.033	202	561840	19.056	ng/ul	99
82) Pyrene	19.392	202	590763	19.070	ng/ul	99
83) Butylbenzylphthalate	20.292	149	285159	20.520	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.057	252	177964	19.839	ng/ul	98
85) Benzo(a)anthracene	21.116	228	569275	19.719	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.057	149	422668	20.553	ng/ul	99
87) Chrysene	21.163	228	561700	19.806	ng/ul	99
89) Di-n-octyl phthalate	21.951	149	716530	18.051	ng/ul	100
90) Benzo(b)fluoranthene	22.721	252	589595	19.195	ng/ul	99
91) Benzo(k)fluoranthene	22.768	252	569343	19.423	ng/ul	98
93) Benzo(a)pyrene	23.315	252	581529	19.392	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.780	276	642511	19.209	ng/ul	99
95) Dibenzo(a,h)anthracene	25.798	278	563556	19.567	ng/ul	98
96) Benzo(g,h,i)perylene	26.503	276	466682	16.402	ng/ul	98

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

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