Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021423\
Data File : BP013813.D
Acq On : 14 Feb 2023 09:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020762

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/15/2023
Supervised By :mohammad ahmed 02/16/2023

Quant Time: Feb 15 01:20:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 15 01:19:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	200095	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	753631	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	494309	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.515	188	1105695	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	944831	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	874346	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	43883	9.090	ng/uL	0.00
4) Pyridine-d5	3.904	84	297416	20.780	ng/ul	0.00
7) Phenol-d5	7.269	99	323202	18.129	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.445	67	194634	18.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.651	132	248310	18.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	250045	17.159	ng/ul	0.00
21) Nitrobenzene-d5	9.298	128	112498	21.454	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	117895	19.473	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	238510	19.332	ng/ul	0.00
31) 4-Chloroaniline-d4	11.086	131	311803	17.829	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	736296	18.912	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	817367	19.395	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	115313	16.625	ng/ul	0.00
60) Fluorene-d10	15.757	176	605093	18.247	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	122401	18.044	ng/ul	0.00
73) Anthracene-d10	17.615	188	932480	18.443	ng/ul	0.00
81) Pyrene-d10	19.833	212	1112518	20.764	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.997	264	817307	18.655	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.504	88	45545	8.788	ng/uL	100
5) Pyridine	3.922	79	291092	20.580	ng/ul	100
6) Benzaldehyde	7.257	77	146052	18.166	ng/ul	99
8) Phenol	7.298	94	333322	18.214	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.540	93	272591	18.588	ng/ul	97
12) 2-Chlorophenol	7.681	128	257879	19.151	ng/ul	99
13) 2-Methylphenol	8.563	108	242816	17.383	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.657	45	294576	17.660	ng/ul	98
16) Acetophenone	8.957	105	410704	17.575	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.939	70	199165	17.162	ng/ul	97
18) 4-Methylphenol	8.892	108	267352	17.335	ng/ul	99
19) Hexachloroethane	9.222	117	105632	19.156	ng/ul	96
22) Nitrobenzene	9.339	77	293906	21.305	ng/ul	99
23) Isophorone	9.869	82	531050	18.246	ng/ul	99
25) 2-Nitrophenol	10.057	139	126897	19.338	ng/ul	93
26) 2,4-Dimethylphenol	10.110	107	277035	18.962	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.351	93	322605	18.354	ng/ul	99
29) 2,4-Dichlorophenol	10.592	162	230605	18.986	ng/ul	99
30) Naphthalene	11.004	128	748344	18.653	ng/ul	99
32) 4-Chloroaniline	11.110	127	316639	17.960	ng/ul	98
33) Hexachlorobutadiene	11.286	225	171155	20.004	ng/ul	96
34) Caprolactam	11.886	113	65886m	15.459	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	251140	17.909	ng/ul	97
36) 2-Methylnaphthalene	12.598	142	509315	18.057	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	518327	17.785	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.963	216	311158	19.976	ng/ul	99
40) Hexachlorocyclopentadiene	12.939	237	200255	20.022	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	200351	19.600	ng/ul	100
42) 2,4,5-Trichlorophenol	13.269	196	217142	19.625	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	707903	19.086	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	602121	20.636	ng/ul	99
45) 2-Nitroaniline	13.845	65	138091	19.649	ng/ul	93
47) Dimethylphthalate	14.210	163	742837	19.237	ng/ul	100
48) 2,6-Dinitrotoluene	14.333	165	137966	20.450	ng/ul	99
50) Acenaphthylene	14.486	152	884229	19.449	ng/ul	100
51) 3-Nitroaniline	14.663	138	111588	16.729	ng/ul	98
52) Acenaphthene	14.827	153	588410	18.491	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	77454	16.099	ng/ul	99
55) 4-Nitrophenol	14.963	109	108016	17.748	ng/ul	99
56) Dibenzofuran	15.163	168	860439	18.860	ng/ul	98
57) 2,4-Dinitrotoluene	15.116	165	198150	19.700	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.386	232	193062	18.512	ng/ul	99
59) Diethylphthalate	15.574	149	746963	19.264	ng/ul	100
61) Fluorene	15.810	166	673522	18.096	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	361135	18.661	ng/ul	97
63) 4-Nitroaniline	15.827	138	95520	15.123	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.880	198	122558	18.429	ng/ul	98
67) N-Nitrosodiphenylamine	16.016	169	581399	19.345	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	226818	19.425	ng/ul	97
69) Hexachlorobenzene	16.816	284	259665	19.085	ng/ul	95
70) Atrazine	16.963	200	227187	18.903	ng/ul	99
71) Pentachlorophenol	17.163	266	159048	17.964	ng/ul	98
72) Phenanthrene	17.563	178	1082779	18.506	ng/ul	100
74) Anthracene	17.651	178	1094875	18.599	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	305918	20.726	ng/uL	98
76) Pentachlorobenzene	15.080	250	308407	20.248	ng/uL	100
77) Carbazole	17.915	167	1030539	19.874	ng/ul	99
78) Di-n-butylphthalate	18.451	149	1174149	18.669	ng/ul	99
80) Fluoranthene	19.509	202	1312378	21.396	ng/ul	97
82) Pyrene	19.862	202	1350423	20.650	ng/ul	95
83) Butylbenzylphthalate	20.715	149	467526	20.888	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.504	252	374268	17.600	ng/ul	99
85) Benzo(a)anthracene	21.580	228	1198345	18.562	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	678090	19.785	ng/ul#	98
87) Chrysene	21.633	228	1141038	18.733	ng/ul	97
89) Di-n-octyl phthalate	22.456	149	1058786	17.598	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	1064920	18.265	ng/ul	99
91) Benzo(k)fluoranthene	23.427	252	1075356	18.592	ng/ul	99
93) Benzo(a)pyrene	24.050	252	925754	18.735	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	1171637	21.138	ng/ul	98
95) Dibenzo(a,h)anthracene	26.891	278	983120	21.234	ng/ul	99
96) Benzo(g,h,i)perylene	27.709	276	953129	21.599	ng/ul	98

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

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