Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
Data File : BP014629.D
Acq On : 10 Apr 2023 16:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020669

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 01:13:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 01:13:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	117297	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	491680	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	315859	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	705050	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.498	240	710832	20.000	ng/ul	0.00
88) Perylene-d12	24.004	264	786739	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	27737	9.170	ng/uL	0.00
4) Pyridine-d5	3.799	84	183471	23.670	ng/ul	0.00
7) Phenol-d5	7.158	99	215708	19.940	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	151914	21.887	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	166753	21.328	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	172575	19.777	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	81474	20.526	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	93327	20.534	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	167725	20.263	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	219130	20.098	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	532938	20.809	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	594419	20.917	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	72250	18.674	ng/ul	0.00
60) Fluorene-d10	15.640	176	445462	20.858	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	99153	19.113	ng/ul	0.00
73) Anthracene-d10	17.504	188	706494	20.705	ng/ul	0.00
81) Pyrene-d10	19.733	212	859174	17.995	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	869283	20.797	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	30924	9.303	ng/uL#	88
5) Pyridine	3.823	79	186017	22.932	ng/ul	95
6) Benzaldehyde	7.128	77	143534	26.694	ng/ul	96
8) Phenol	7.181	94	225836	20.125	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.411	93	187376	20.778	ng/ul	96
12) 2-Chlorophenol	7.552	128	169764	20.861	ng/ul	92
13) 2-Methylphenol	8.446	108	165881	19.821	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.522	45	280725	23.709	ng/ul	97
16) Acetophenone	8.828	105	292376	20.291	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.805	70	165059	21.204	ng/ul	91
18) 4-Methylphenol	8.775	108	184209	20.042	ng/ul	100
19) Hexachloroethane	9.069	117	80779	22.718	ng/ul	98
22) Nitrobenzene	9.210	77	246793	21.643	ng/ul	99
23) Isophorone	9.734	82	442242	21.040	ng/ul	98
25) 2-Nitrophenol	9.928	139	98986	20.634	ng/ul	98
26) 2,4-Dimethylphenol	9.981	107	223726	20.836	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.216	93	259487	20.591	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	167568	20.570	ng/ul	97
30) Naphthalene	10.863	128	573175	20.929	ng/ul	99
32) 4-Chloroaniline	10.987	127	223500	20.239	ng/ul	99
33) Hexachlorobutadiene	11.134	225	130779	20.264	ng/ul	96
34) Caprolactam	11.781	113	51340m	21.333	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	201180	20.079	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	374162	20.159	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	376922	20.477	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.834	216	223309	19.829	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	128869	17.671	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	137778	19.771	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	150910	20.341	ng/ul	95
43) 1,1'-Biphenyl	13.475	154	516218	20.229	ng/ul	98
44) 2-Chloronaphthalene	13.522	162	408857	20.263	ng/ul	99
45) 2-Nitroaniline	13.740	65	136741	21.883	ng/ul	93
47) Dimethylphthalate	14.098	163	530750	20.727	ng/ul	100
48) 2,6-Dinitrotoluene	14.228	165	104929	20.974	ng/ul	93
50) Acenaphthylene	14.363	152	645634	21.333	ng/ul	99
51) 3-Nitroaniline	14.569	138	87047	19.422	ng/ul	93
52) Acenaphthene	14.710	153	443144	20.721	ng/ul	99
53) 2,4-Dinitrophenol	14.781	184	58661	18.107	ng/ul	92
55) 4-Nitrophenol	14.881	109	76138	19.939	ng/ul	88
56) Dibenzofuran	15.045	168	617678	20.545	ng/ul	98
57) 2,4-Dinitrotoluene	15.022	165	154247	21.736	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.275	232	138367	20.751	ng/ul	97
59) Diethylphthalate	15.457	149	544243	21.388	ng/ul	97
61) Fluorene	15.692	166	512613	21.036	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.687	204	266389	20.347	ng/ul	97
63) 4-Nitroaniline	15.740	138	81001m	22.243	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.787	198	97492	19.391	ng/ul	97
67) N-Nitrosodiphenylamine	15.904	169	434550	19.809	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	164724	18.775	ng/ul	99
69) Hexachlorobenzene	16.704	284	194301	19.281	ng/ul	97
70) Atrazine	16.863	200	164497	20.599	ng/ul	98
71) Pentachlorophenol	17.057	266	110122	18.862	ng/ul	99
72) Phenanthrene	17.451	178	817372	20.838	ng/ul	99
74) Anthracene	17.539	178	836827	21.167	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.440	216	229462	18.489	ng/uL	99
76) Pentachlorobenzene	14.957	250	226653	18.303	ng/uL	98
77) Carbazole	17.816	167	721605	21.812	ng/ul	99
78) Di-n-butylphthalate	18.345	149	925180	22.240	ng/ul	99
80) Fluoranthene	19.410	202	986061	17.467	ng/ul	96
82) Pyrene	19.763	202	1054758	17.896	ng/ul	96
83) Butylbenzylphthalate	20.622	149	443723	21.856	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.410	252	350501	22.295	ng/ul	100
85) Benzo(a)anthracene	21.480	228	1058610	21.016	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.375	149	643994	23.197	ng/ul	98
87) Chrysene	21.533	228	1019034	21.425	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1113338	21.807	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1063713	20.019	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	1094142	21.202	ng/ul	99
93) Benzo(a)pyrene	23.892	252	953900	20.857	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.639	276	1244505	19.778	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	1034031	19.628	ng/ul	99
96) Benzo(g,h,i)perylene	27.445	276	1013773	19.765	ng/ul	97

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

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