Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018772.D
Acq On : 12 Dec 2023 18:01
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020721

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/13/2023
Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 22:14:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	215573	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	803226	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	521016	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1244965	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1361129	20.000	ng/ul	# 0.00
88) Perylene-d12	23.668	264	1636204	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	44612	7.052	ng/uL	0.00
4) Pyridine-d5	3.681	84	300430	17.730	ng/ul	0.00
7) Phenol-d5	7.010	99	361006	16.687	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	213415	16.645	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	292629	17.335	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	292096	16.684	ng/ul	0.00
21) Nitrobenzene-d5	8.998	128	140893	19.708	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	154011	20.779	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	311809	20.574	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	370227	18.692	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	909845	19.566	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	990475	19.344	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	157883	20.684	ng/ul	0.00
60) Fluorene-d10	15.463	176	780671	20.000	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	151251	20.262	ng/ul	0.00
73) Anthracene-d10	17.316	188	1254967	19.174	ng/ul	0.00
81) Pyrene-d10	19.551	212	1606507	15.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	1807540	18.946	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	48262	6.957	ng/uL	99
5) Pyridine	3.699	79	301204	17.602	ng/ul	98
6) Benzaldehyde	6.981	77	170344	15.251	ng/ul	99
8) Phenol	7.034	94	359333	16.937	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.269	93	293409	16.840	ng/ul	99
12) 2-Chlorophenol	7.404	128	294140	17.217	ng/ul	96
13) 2-Methylphenol	8.287	108	268724	16.545	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	344918	15.602	ng/ul	98
16) Acetophenone	8.663	105	441224	16.910	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.651	70	212037	14.772	ng/ul	100
18) 4-Methylphenol	8.616	108	287617	16.217	ng/ul	97
19) Hexachloroethane	8.916	117	127840	18.253	ng/ul	84
22) Nitrobenzene	9.040	77	336573	19.364	ng/ul	98
23) Isophorone	9.569	82	602122	16.990	ng/ul	97
25) 2-Nitrophenol	9.751	139	162955	20.534	ng/ul#	93
26) 2,4-Dimethylphenol	9.816	107	298058	19.204	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.057	93	380382	17.001	ng/ul	98
29) 2,4-Dichlorophenol	10.281	162	296828	20.333	ng/ul	98
30) Naphthalene	10.687	128	905460	18.582	ng/ul	100
32) 4-Chloroaniline	10.798	127	357729	18.950	ng/ul	99
33) Hexachlorobutadiene	10.969	225	239659	24.513	ng/ul	99
34) Caprolactam	11.575	113	78661	17.573	ng/ul	93
35) 4-Chloro-3-methylphenol	11.922	107	301849	18.458	ng/ul	98
36) 2-Methylnaphthalene	12.292	142	629442	18.234	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.510	142	635504	18.230	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.663	216	423883	22.424	ng/ul	96
40)	Hexachlorocyclopentadiene	12.639	237	236260	21.086	ng/ul	99
41)	2,4,6-Trichlorophenol	12.904	196	255351	20.999	ng/ul	99
42)	2,4,5-Trichlorophenol	12.975	196	276248	20.954	ng/ul	99
43)	1,1'-Biphenyl	13.304	154	852310	18.915	ng/ul	98
44)	2-Chloronaphthalene	13.345	162	694414	19.512	ng/ul	100
45)	2-Nitroaniline	13.557	65	187668	19.452	ng/ul	97
47)	Dimethylphthalate	13.933	163	881521	19.258	ng/ul	99
48)	2,6-Dinitrotoluene	14.051	165	180827	20.910	ng/ul	97
50)	Acenaphthylene	14.192	152	1083265	18.817	ng/ul	99
51)	3-Nitroaniline	14.375	138	170327	19.730	ng/ul	99
52)	Acenaphthene	14.533	153	726680	19.091	ng/ul	98
53)	2,4-Dinitrophenol	14.580	184	91451	19.953	ng/ul	94
55)	4-Nitrophenol	14.686	109	148031	25.670	ng/ul	78
56)	Dibenzofuran	14.869	168	1026557	19.404	ng/ul	97
57)	2,4-Dinitrotoluene	14.833	165	264555	21.748	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.092	232	250392	22.643	ng/ul	94
59)	Diethylphthalate	15.298	149	875452	19.545	ng/ul	100
61)	Fluorene	15.516	166	832118	19.878	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.516	204	464815	21.171	ng/ul	96
63)	4-Nitroaniline	15.539	138	170989m	20.791	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.598	198	159780	20.020	ng/ul	91
67)	N-Nitrosodiphenylamine	15.727	169	718418	17.414	ng/ul	99
68)	4-Bromophenyl-phenylether	16.410	248	313931	19.974	ng/ul	93
69)	Hexachlorobenzene	16.516	284	384711	21.923	ng/ul	97
70)	Atrazine	16.686	200	195027	15.901	ng/ul	98
71)	Pentachlorophenol	16.863	266	233778	22.400	ng/ul	99
72)	Phenanthrene	17.257	178	1405632	18.694	ng/ul	99
74)	Anthracene	17.351	178	1418655	18.823	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.269	216	424264	19.709	ng/uL	99
76)	Pentachlorobenzene	14.786	250	427951	20.238	ng/uL	100
77)	Carbazole	17.621	167	1267119	21.095	ng/ul	99
78)	Di-n-butylphthalate	18.180	149	1524861	19.065	ng/ul	99
80)	Fluoranthene	19.227	202	1832664	14.633	ng/ul#	92
82)	Pyrene	19.580	202	1887682	14.941	ng/ul#	91
83)	Butylbenzylphthalate	20.457	149	722008	15.610	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.227	252	668885	20.222	ng/ul	99
85)	Benzo(a)anthracene	21.286	228	2066036	18.700	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.215	149	1064629	16.746	ng/ul	99
87)	Chrysene	21.339	228	1906595	18.740	ng/ul	99
89)	Di-n-octyl phthalate	22.127	149	1877010	15.712	ng/ul	100
90)	Benzo(b)fluoranthene	22.945	252	2150555	17.826	ng/ul#	97
91)	Benzo(k)fluoranthene	22.992	252	2147694	18.400	ng/ul#	98
93)	Benzo(a)pyrene	23.562	252	2026635	18.385	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	26.127	276	2579346	19.584	ng/ul#	92
95)	Dibenzo(a,h)anthracene	26.145	278	2130884	19.449	ng/ul#	95
96)	Benzo(g,h,i)perylene	26.880	276	2065361	19.486	ng/ul#	93

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

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