Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100224\
Data File : BP022212.D
Acq On : 04 Oct 2024 03:21
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020786

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 04 05:30:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 05:25:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	129896	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	512510	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	398319	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	918335	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	925261	20.000	ng/ul	0.00
88) Perylene-d12	24.804	264	1051095	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	21254	6.409	ng/uL	0.00
4) Pyridine-d5	3.628	84	167579	17.679	ng/ul	0.00
7) Phenol-d5	6.881	99	194008	18.259	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	116234	17.765	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	157572	20.496	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	163940	19.471	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	75883	19.782	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	92915	21.363	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	192265	20.355	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	212088	18.819	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	590653	19.183	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	640772	19.656	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	86771	16.475	ng/ul	0.00
60) Fluorene-d10	15.304	176	504290	18.515	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	89785	15.748	ng/ul	0.00
73) Anthracene-d10	17.204	188	831618	19.398	ng/ul	0.00
81) Pyrene-d10	19.575	212	976314	20.367	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.574	264	1054187	19.069	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	23563	6.559	ng/uL	95
5) Pyridine	3.652	79	171472	17.805	ng/ul	98
6) Benzaldehyde	6.852	77	95717	15.924	ng/ul	94
8) Phenol	6.905	94	200195	18.054	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.122	93	155464	18.318	ng/ul	99
12) 2-Chlorophenol	7.269	128	155662	19.531	ng/ul	96
13) 2-Methylphenol	8.134	108	151764	18.871	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	144370	18.337	ng/ul	99
16) Acetophenone	8.505	105	263288	18.799	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.487	70	139394	19.199	ng/ul	95
18) 4-Methylphenol	8.457	108	163911	18.690	ng/ul	100
19) Hexachloroethane	8.757	117	68487	18.204	ng/ul	95
22) Nitrobenzene	8.875	77	208386	17.768	ng/ul	97
23) Isophorone	9.399	82	380279	18.720	ng/ul	96
25) 2-Nitrophenol	9.575	139	94977	20.409	ng/ul	97
26) 2,4-Dimethylphenol	9.640	107	198211	18.801	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.869	93	220912	18.865	ng/ul	99
29) 2,4-Dichlorophenol	10.110	162	182855	19.486	ng/ul	98
30) Naphthalene	10.499	128	522797	19.387	ng/ul	100
32) 4-Chloroaniline	10.610	127	207729	18.611	ng/ul	98
33) Hexachlorobutadiene	10.781	225	153258	18.395	ng/ul	97
34) Caprolactam	11.381	113	49993	17.562	ng/ul	93
35) 4-Chloro-3-methylphenol	11.734	107	192335	18.945	ng/ul	99
36) 2-Methylnaphthalene	12.104	142	374780	18.701	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	396255	19.605	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	282748	19.146	ng/ul#	98
40) Hexachlorocyclopentadiene	12.457	237	173614	18.690	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	176226	19.961	ng/ul	97
42) 2,4,5-Trichlorophenol	12.798	196	186626	19.521	ng/ul	98
43) 1,1'-Biphenyl	13.122	154	543562	19.083	ng/ul	99
44) 2-Chloronaphthalene	13.163	162	442320	19.287	ng/ul	99
45) 2-Nitroaniline	13.375	65	118715	17.902	ng/ul	89
47) Dimethylphthalate	13.751	163	589738	19.069	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	120906	20.393	ng/ul	95
50) Acenaphthylene	14.016	152	686521	20.194	ng/ul	99
51) 3-Nitroaniline	14.204	138	88578	16.410	ng/ul	89
52) Acenaphthene	14.363	153	464121	18.789	ng/ul	97
53) 2,4-Dinitrophenol	14.416	184	66032	16.369	ng/ul	98
55) 4-Nitrophenol	14.534	109	92354	15.500	ng/ul	97
56) Dibenzofuran	14.704	168	688274	18.742	ng/ul	98
57) 2,4-Dinitrotoluene	14.669	165	175902	19.253	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.934	232	182329	19.813	ng/ul	98
59) Diethylphthalate	15.140	149	568040	18.559	ng/ul	99
61) Fluorene	15.363	166	567719	18.589	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.357	204	330974	18.824	ng/ul	99
63) 4-Nitroaniline	15.387	138	91533	16.662	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.445	198	93987	15.142	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	475289	19.650	ng/ul	100
68) 4-Bromophenyl-phenylether	16.263	248	229109	20.775	ng/ul	99
69) Hexachlorobenzene	16.386	284	288563	21.550	ng/ul#	92
70) Atrazine	16.551	200	179970	16.680	ng/ul	99
71) Pentachlorophenol	16.739	266	213011	23.842	ng/ul	99
72) Phenanthrene	17.145	178	943565	19.596	ng/ul	100
74) Anthracene	17.239	178	945142	19.289	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.093	216	275968	20.026	ng/uL	99
76) Pentachlorobenzene	14.622	250	309503	20.423	ng/uL	99
77) Carbazole	17.516	167	783368	18.140	ng/ul	100
78) Di-n-butylphthalate	18.104	149	948587	19.052	ng/ul	99
80) Fluoranthene	19.222	202	1152364	21.033	ng/ul	98
82) Pyrene	19.604	202	1168684	19.817	ng/ul	97
83) Butylbenzylphthalate	20.557	149	424921	20.674	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.433	252	368823	17.410	ng/ul	98
85) Benzo(a)anthracene	21.510	228	1220254	19.137	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	629730	20.883	ng/ul	99
87) Chrysene	21.574	228	1140700	19.061	ng/ul	100
89) Di-n-octyl phthalate	22.692	149	1016593	19.578	ng/ul	100
90) Benzo(b)fluoranthene	23.757	252	1307185	20.034	ng/ul	99
91) Benzo(k)fluoranthene	23.833	252	1256207	19.317	ng/ul	99
93) Benzo(a)pyrene	24.645	252	1179368	19.616	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.509	276	1480854m	18.890	ng/ul	
95) Dibenzo(a,h)anthracene	28.574	278	1229893	19.475	ng/ul#	98
96) Benzo(g,h,i)perylene	29.668	276	1173406	19.291	ng/ul	99

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

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