Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082523\
Data File : BP016768.D
Acq On : 26 Aug 2023 04:34
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020704

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 05:14:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 01:47:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	488398	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	2155558	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	1339081	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	2902994	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	2380264	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	2065145	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	88527	7.491	ng/uL	0.00
4) Pyridine-d5	3.822	84	650423	18.011	ng/ul	0.00
7) Phenol-d5	7.175	99	778929	17.936	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	492724	17.801	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	625465	19.155	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	637857	17.992	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	310995	19.082	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	330081	19.214	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	618862	19.323	ng/ul	0.00
31) 4-Chloroaniline-d4	11.022	131	899727	18.319	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	1830330	18.125	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	2185566	19.145	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	347519	16.649	ng/ul	0.00
60) Fluorene-d10	15.680	176	1565704	18.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	267221	15.457	ng/ul	0.00
73) Anthracene-d10	17.557	188	2427003	18.861	ng/ul	0.00
81) Pyrene-d10	19.786	212	2733287	20.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	1926159	18.620	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	93106	7.235	ng/uL	97
5) Pyridine	3.840	79	667474	17.944	ng/ul	99
6) Benzaldehyde	7.193	77	490569	20.656	ng/ul	97
8) Phenol	7.204	94	812177	17.870	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.469	93	658768	17.957	ng/ul	97
12) 2-Chlorophenol	7.587	128	626932	18.784	ng/ul	98
13) 2-Methylphenol	8.469	108	613220	17.987	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	947180m	17.699	ng/ul	
16) Acetophenone	8.887	105	999913	18.189	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.857	70	524787	18.115	ng/ul	98
18) 4-Methylphenol	8.804	108	662753	17.852	ng/ul	99
19) Hexachloroethane	9.104	117	254020	18.292	ng/ul	100
22) Nitrobenzene	9.275	77	767118	18.347	ng/ul	98
23) Isophorone	9.793	82	1490880	18.359	ng/ul	99
25) 2-Nitrophenol	9.981	139	359220	18.911	ng/ul	99
26) 2,4-Dimethylphenol	10.016	107	711426	18.634	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.275	93	901650	17.997	ng/ul	98
29) 2,4-Dichlorophenol	10.498	162	612560	19.040	ng/ul	100
30) Naphthalene	10.916	128	2071949	18.556	ng/ul	99
32) 4-Chloroaniline	11.045	127	885386	18.343	ng/ul	100
33) Hexachlorobutadiene	11.145	225	368673	18.604	ng/ul	98
34) Caprolactam	11.863	113	214008	18.038	ng/ul	96
35) 4-Chloro-3-methylphenol	12.139	107	667811	18.511	ng/ul	99
36) 2-Methylnaphthalene	12.516	142	1431441	18.572	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	1446642	18.613	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	725914	19.020	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	554091	19.742	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	489303	19.199	ng/ul	98
42) 2,4,5-Trichlorophenol	13.186	196	527584	19.130	ng/ul	99
43) 1,1'-Biphenyl	13.522	154	1873792	18.821	ng/ul	99
44) 2-Chloronaphthalene	13.569	162	1483230	18.872	ng/ul	100
45) 2-Nitroaniline	13.798	65	435453	18.269	ng/ul	98
47) Dimethylphthalate	14.145	163	1836728	17.959	ng/ul	100
48) 2,6-Dinitrotoluene	14.286	165	369185	18.422	ng/ul	99
50) Acenaphthylene	14.416	152	2464386	18.860	ng/ul	100
51) 3-Nitroaniline	14.628	138	384388	18.420	ng/ul	99
52) Acenaphthene	14.751	153	1595729	18.460	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	245073	16.829	ng/ul	93
55) 4-Nitrophenol	14.910	109	255471	16.207	ng/ul	99
56) Dibenzofuran	15.086	168	2190044	18.464	ng/ul	100
57) 2,4-Dinitrotoluene	15.069	165	544150	18.447	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.304	232	434908	18.523	ng/ul	99
59) Diethylphthalate	15.504	149	1859400	17.896	ng/ul	99
61) Fluorene	15.739	166	1821722	18.362	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.727	204	885105	18.171	ng/ul	98
63) 4-Nitroaniline	15.798	138	367160	18.490	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.822	198	292569	15.697	ng/ul	100
67) N-Nitrosodiphenylamine	15.951	169	1526445	19.011	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	513546	18.451	ng/ul	96
69) Hexachlorobenzene	16.716	284	566098	18.166	ng/ul	99
70) Atrazine	16.904	200	565637	18.686	ng/ul	99
71) Pentachlorophenol	17.080	266	418690	18.099	ng/ul	100
72) Phenanthrene	17.498	178	2805067	18.354	ng/ul	100
74) Anthracene	17.592	178	2898864	18.759	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	759877	19.549	ng/uL	99
76) Pentachlorobenzene	14.980	250	664411	19.127	ng/uL	98
77) Carbazole	17.874	167	2632482	18.915	ng/ul	99
78) Di-n-butylphthalate	18.380	149	3190691	18.376	ng/ul	100
80) Fluoranthene	19.463	202	3271731	20.834	ng/ul	98
82) Pyrene	19.816	202	3358882	20.706	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1472675	21.051	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	955627	18.783	ng/ul	98
85) Benzo(a)anthracene	21.533	228	3096249	18.885	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	2183223	21.373	ng/ul	100
87) Chrysene	21.592	228	2817861	18.921	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	3642871	23.424	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2518479	19.098	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	2425489	18.597	ng/ul	99
93) Benzo(a)pyrene	24.009	252	2201604	18.457	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2330972	19.124	ng/ul	100
95) Dibenzo(a,h)anthracene	26.886	278	1931481	19.078	ng/ul	100
96) Benzo(g,h,i)perylene	27.715	276	1848398	20.002	ng/ul	99

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

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