Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083123\
Data File : BP016902.D
Acq On : 31 Aug 2023 17:35
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020714

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Quant Time: Sep 01 01:54:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 30 02:25:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	430904	20.000	ng/ul	0.00
20) Naphthalene-d8	10.852	136	1838626	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	1090847	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	2250531	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1360366	20.000	ng/ul	0.01
88) Perylene-d12	24.121	264	1393687	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	89814	8.614	ng/uL	0.00
4) Pyridine-d5	3.817	84	653910	20.524	ng/ul	0.00
7) Phenol-d5	7.169	99	795822	20.770	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	509403	20.860	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	639015	22.181	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	640541	20.478	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	316223	22.747	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	334657	22.838	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	615829	22.543	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	869215	20.748	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	1719563	20.903	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	2091210	22.487	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	291549	17.146	ng/ul	0.00
60) Fluorene-d10	15.675	176	1487877	21.477	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	147688	11.019	ng/ul	0.00
73) Anthracene-d10	17.551	188	2212106	22.175	ng/ul	0.00
81) Pyrene-d10	19.786	212	2138127	28.618	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.951	264	1506048	21.573	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	94217	8.298	ng/uL	99
5) Pyridine	3.834	79	680346	20.730	ng/ul	99
6) Benzaldehyde	7.181	77	527786	25.188	ng/ul	99
8) Phenol	7.199	94	831680	20.740	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.458	93	677419	20.929	ng/ul	98
12) 2-Chlorophenol	7.575	128	646045	21.939	ng/ul	98
13) 2-Methylphenol	8.463	108	625819	20.806	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	993274m	21.037	ng/ul	
16) Acetophenone	8.875	105	1009177	20.807	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.846	70	535086	20.935	ng/ul	100
18) 4-Methylphenol	8.799	108	666571	20.350	ng/ul	100
19) Hexachloroethane	9.093	117	261175	21.316	ng/ul	95
22) Nitrobenzene	9.269	77	787915	22.092	ng/ul	98
23) Isophorone	9.781	82	1502070	21.685	ng/ul	100
25) 2-Nitrophenol	9.969	139	358790	22.144	ng/ul	99
26) 2,4-Dimethylphenol	10.010	107	710388	21.814	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	886525	20.745	ng/ul	99
29) 2,4-Dichlorophenol	10.493	162	610883	22.261	ng/ul	99
30) Naphthalene	10.905	128	2081390	21.853	ng/ul	100
32) 4-Chloroaniline	11.040	127	848303	20.605	ng/ul	98
33) Hexachlorobutadiene	11.134	225	375380	22.207	ng/ul	97
34) Caprolactam	11.857	113	209401	20.692	ng/ul	98
35) 4-Chloro-3-methylphenol	12.134	107	653451	21.235	ng/ul	99
36) 2-Methylnaphthalene	12.504	142	1396092	21.236	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	1410078	21.270	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.857	216	698638	22.471	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	317255	13.876	ng/ul	98
41) 2,4,6-Trichlorophenol	13.110	196	477520	23.000	ng/ul	100
42) 2,4,5-Trichlorophenol	13.181	196	507411	22.585	ng/ul	100
43) 1,1'-Biphenyl	13.510	154	1805693	22.264	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	1439696	22.486	ng/ul	99
45) 2-Nitroaniline	13.793	65	432713	22.285	ng/ul	99
47) Dimethylphthalate	14.140	163	1730431	20.770	ng/ul	100
48) 2,6-Dinitrotoluene	14.287	165	354153	21.693	ng/ul	96
50) Acenaphthylene	14.410	152	2362167	22.192	ng/ul	99
51) 3-Nitroaniline	14.622	138	382680	22.511	ng/ul	97
52) Acenaphthene	14.745	153	1535991	21.812	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	105014	8.852	ng/ul	99
55) 4-Nitrophenol	14.910	109	221509	17.250	ng/ul	97
56) Dibenzofuran	15.081	168	2067241	21.395	ng/ul	97
57) 2,4-Dinitrotoluene	15.069	165	503158	20.939	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.298	232	404598	21.154	ng/ul	99
59) Diethylphthalate	15.493	149	1752858	20.710	ng/ul	99
61) Fluorene	15.734	166	1721674	21.303	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	834119	21.021	ng/ul	100
63) 4-Nitroaniline	15.787	138	354374	21.908	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.822	198	159722	11.054	ng/ul	96
67) N-Nitrosodiphenylamine	15.945	169	1413223	22.704	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	476773	22.096	ng/ul	97
69) Hexachlorobenzene	16.710	284	523974	21.689	ng/ul	96
70) Atrazine	16.898	200	518399	22.090	ng/ul	99
71) Pentachlorophenol	17.075	266	372965	20.797	ng/ul	100
72) Phenanthrene	17.492	178	2576546	21.747	ng/ul	100
74) Anthracene	17.587	178	2632214	21.972	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	739641	24.545	ng/uL	99
76) Pentachlorobenzene	14.975	250	631174	23.438	ng/uL	98
77) Carbazole	17.869	167	2304696	21.361	ng/ul	100
78) Di-n-butylphthalate	18.375	149	3067941	22.791	ng/ul	100
80) Fluoranthene	19.457	202	2664968	29.693	ng/ul	100
82) Pyrene	19.816	202	2655331	28.642	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1245173	31.143	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.469	252	559052	19.227	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2090758	22.313	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1822688	31.221	ng/ul	100
87) Chrysene	21.592	228	1900323	22.326	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	2772673	26.418	ng/ul	100
90) Benzo(b)fluoranthene	23.322	252	1808556	20.322	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	1847764	20.993	ng/ul	98
93) Benzo(a)pyrene	24.010	252	1744878	21.675	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.863	276	2119366	25.765	ng/ul	100
95) Dibenzo(a,h)anthracene	26.886	278	1733263	25.369	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1688805	27.080	ng/ul	100

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

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