Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092123\
Data File : BP017256.D
Acq On : 21 Sep 2023 08:37
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020743

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 21 22:29:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 14:34:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	226016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1039599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	686615	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	1742305	20.000	ng/ul	-0.01
79) Chrysene-d12	21.475	240	1382243	20.000	ng/ul	-0.01
88) Perylene-d12	23.992	264	1430594	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	39511	7.180	ng/uL	0.00
4) Pyridine-d5	3.740	84	312193	20.294	ng/ul	0.00
7) Phenol-d5	7.093	99	404572	21.795	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	237369	21.189	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	322811	21.926	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	340964	23.626	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	165509	22.022	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	186967	22.911	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	352511	22.864	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	508805	22.782	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	1084607	22.051	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1231565	21.770	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	182119	21.253	ng/ul	0.00
60) Fluorene-d10	15.598	176	924890	21.842	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	161763	16.473	ng/ul	0.00
73) Anthracene-d10	17.469	188	1642357	21.254	ng/ul	-0.01
81) Pyrene-d10	19.710	212	1542073	20.630	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.827	264	1446618	21.002	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	41360	7.340	ng/uL	93
5) Pyridine	3.758	79	322283	20.181	ng/ul	98
6) Benzaldehyde	7.099	77	236787	24.996	ng/ul	98
8) Phenol	7.122	94	409594	21.938	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	328189	21.746	ng/ul	99
12) 2-Chlorophenol	7.493	128	326779	21.857	ng/ul	99
13) 2-Methylphenol	8.381	108	316346	22.898	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	413086m	21.642	ng/ul	
16) Acetophenone	8.787	105	525730	23.574	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.758	70	269694	24.232	ng/ul	99
18) 4-Methylphenol	8.716	108	352339	23.803	ng/ul	98
19) Hexachloroethane	8.999	117	130120	20.965	ng/ul	98
22) Nitrobenzene	9.181	77	394608	20.692	ng/ul	99
23) Isophorone	9.693	82	774296	22.658	ng/ul	100
25) 2-Nitrophenol	9.881	139	198482	22.445	ng/ul	97
26) 2,4-Dimethylphenol	9.922	107	388645	22.058	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	472407	21.415	ng/ul	98
29) 2,4-Dichlorophenol	10.405	162	344406	22.656	ng/ul	99
30) Naphthalene	10.816	128	1132332	20.918	ng/ul	100
32) 4-Chloroaniline	10.952	127	487354	22.771	ng/ul	100
33) Hexachlorobutadiene	11.040	225	221211	20.910	ng/ul	95
34) Caprolactam	11.775	113	109830	25.005	ng/ul	88
35) 4-Chloro-3-methylphenol	12.052	107	374462	24.508	ng/ul	98
36) 2-Methylnaphthalene	12.416	142	797415	22.570	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	817040	22.623	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	446330	20.256	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	189787	15.219	ng/ul	98
41) 2,4,6-Trichlorophenol	13.028	196	297084	22.227	ng/ul	99
42) 2,4,5-Trichlorophenol	13.099	196	311527	22.247	ng/ul	99
43) 1,1'-Biphenyl	13.434	154	1066944	20.481	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	854665	20.694	ng/ul	99
45) 2-Nitroaniline	13.716	65	230200	22.690	ng/ul	95
47) Dimethylphthalate	14.063	163	1084868	21.895	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	209373	24.329	ng/ul	91
50) Acenaphthylene	14.328	152	1415265	21.395	ng/ul	99
51) 3-Nitroaniline	14.546	138	216963	23.427	ng/ul	93
52) Acenaphthene	14.663	153	922856	21.124	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	90234	16.762	ng/ul	96
55) 4-Nitrophenol	14.840	109	140900	21.047	ng/ul	96
56) Dibenzofuran	14.998	168	1279878	21.393	ng/ul	97
57) 2,4-Dinitrotoluene	14.993	165	309397	24.407	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.222	232	270641	22.777	ng/ul	94
59) Diethylphthalate	15.416	149	1088257	22.720	ng/ul	99
61) Fluorene	15.651	166	1055042	21.705	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	537872	21.833	ng/ul	99
63) 4-Nitroaniline	15.716	138	197135	23.850	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	173077	16.338	ng/ul#	98
67) N-Nitrosodiphenylamine	15.869	169	881228	18.388	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	329385	18.818	ng/ul	98
69) Hexachlorobenzene	16.628	284	446481	21.982	ng/ul#	90
70) Atrazine	16.828	200	378537	22.047	ng/ul	98
71) Pentachlorophenol	16.998	266	265899	21.193	ng/ul	94
72) Phenanthrene	17.416	178	1881106	20.614	ng/ul	99
74) Anthracene	17.504	178	1932521	20.895	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	452559	16.924	ng/uL	97
76) Pentachlorobenzene	14.893	250	453180	17.941	ng/uL	99
77) Carbazole	17.792	167	1667786	20.274	ng/ul	99
78) Di-n-butylphthalate	18.304	149	2034294	22.489	ng/ul	99
80) Fluoranthene	19.381	202	1860146	21.338	ng/ul	99
82) Pyrene	19.739	202	1892859	20.426	ng/ul	100
83) Butylbenzylphthalate	20.598	149	753215	22.923	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	660867	22.006	ng/ul	98
85) Benzo(a)anthracene	21.457	228	1968002	21.096	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.333	149	1189113	25.059	ng/ul#	98
87) Chrysene	21.516	228	1812402	20.643	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	1818489	23.109	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	1759305	20.858	ng/ul	99
91) Benzo(k)fluoranthene	23.263	252	1785960	20.988	ng/ul	98
93) Benzo(a)pyrene	23.880	252	1661698	20.591	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.663	276	2107488	20.835	ng/ul	96
95) Dibenzo(a,h)anthracene	26.692	278	1748289	20.751	ng/ul	97
96) Benzo(g,h,i)perylene	27.498	276	1315541	16.127	ng/ul	99

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

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