Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016135.D
Acq On : 09 Jul 2023 16:48
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020651

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 10 00:59:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	256161	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.833	136	1096137	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.663	164	665044	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.427	188	1452211	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.527	240	1235740	20.000	ng/ul	#-0.01
88) Perylene-d12	24.074	264	1250132	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	60308	8.470	ng/uL	0.00
4) Pyridine-d5	3.793	84	351825	19.603	ng/ul	-0.01
7) Phenol-d5	7.204	99	431308	19.679	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.345	67	284812	21.004	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.545	132	330528	19.978	ng/ul	-0.02
15) 4-Methylphenol-d8	8.757	113	332721	19.216	ng/ul	-0.01
21) Nitrobenzene-d5	9.204	128	160661	19.179	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.934	143	183170	18.735	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.498	165	324879	18.647	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	454970	20.328	ng/ul	0.00
46) Dimethylphthalate-d6	14.074	166	1019774	19.839	ng/ul	-0.01
49) Acenaphthylene-d8	14.357	160	1158664	20.052	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.986	143	160666	23.685	ng/ul	0.02
60) Fluorene-d10	15.663	176	851051	20.108	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.851	200	136681	15.304	ng/ul	0.00
73) Anthracene-d10	17.533	188	1319420	19.890	ng/ul	-0.01
81) Pyrene-d10	19.768	212	1467165	18.182	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.897	264	1220598	19.355	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	62330	8.135	ng/uL	98
5) Pyridine	3.810	79	365135	19.447	ng/ul	95
6) Benzaldehyde	7.192	77	84397m	9.524	ng/ul	
8) Phenol	7.228	94	461783	20.303	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.440	93	381794	21.098	ng/ul	99
12) 2-Chlorophenol	7.581	128	347196	19.752	ng/ul	98
13) 2-Methylphenol	8.481	108	356034	20.733	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.551	45	593574m	24.015	ng/ul	
16) Acetophenone	8.863	105	574727	20.192	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.834	70	322879	20.425	ng/ul	97
18) 4-Methylphenol	8.828	108	383249	20.771	ng/ul	98
19) Hexachloroethane	9.075	117	160770	19.804	ng/ul	90
22) Nitrobenzene	9.251	77	466107	19.814	ng/ul	99
23) Isophorone	9.769	82	886324	19.688	ng/ul	99
25) 2-Nitrophenol	9.969	139	199412	19.218	ng/ul	95
26) 2,4-Dimethylphenol	10.028	107	430524	18.874	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.251	93	523637	20.605	ng/ul	98
29) 2,4-Dichlorophenol	10.528	162	329542	19.025	ng/ul	98
30) Naphthalene	10.886	128	1194849	20.052	ng/ul	99
32) 4-Chloroaniline	11.039	127	484151	20.821	ng/ul	99
33) Hexachlorobutadiene	11.139	225	221158	16.907	ng/ul	99
34) Caprolactam	11.857	113	109346m	20.638	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	384538	18.966	ng/ul	98
36) 2-Methylnaphthalene	12.504	142	773106	19.709	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	785060	19.618	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	416383	19.000	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	95037	14.496	ng/ul	96
41) 2,4,6-Trichlorophenol	13.133	196	258607	18.672	ng/ul	99
42) 2,4,5-Trichlorophenol	13.227	196	266665	18.152	ng/ul	100
43) 1,1'-Biphenyl	13.498	154	1051957	19.970	ng/ul#	97
44) 2-Chloronaphthalene	13.551	162	819602	19.751	ng/ul	98
45) 2-Nitroaniline	13.798	65	268954	20.599	ng/ul	97
47) Dimethylphthalate	14.122	163	1056256	19.855	ng/ul	99
48) 2,6-Dinitrotoluene	14.280	165	211220	19.574	ng/ul	99
50) Acenaphthylene	14.386	152	1296352	20.361	ng/ul	98
51) 3-Nitroaniline	14.645	138	124575	14.722	ng/ul#	87
52) Acenaphthene	14.727	153	896553	20.307	ng/ul	98
53) 2,4-Dinitrophenol	14.898	184	71025	12.406	ng/ul	93
55) 4-Nitrophenol	14.992	109	124130m	17.659	ng/ul	
56) Dibenzofuran	15.074	168	1240393	20.238	ng/ul	97
57) 2,4-Dinitrotoluene	15.092	165	300694	20.448	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.321	232	236716	18.760	ng/ul	99
59) Diethylphthalate	15.480	149	1096202	20.363	ng/ul	99
61) Fluorene	15.721	166	1004731	20.210	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	485130	19.071	ng/ul	95
63) 4-Nitroaniline	15.839	138	77659m	13.409	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.868	198	147974	16.376	ng/ul#	91
67) N-Nitrosodiphenylamine	15.927	169	837012	19.253	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	299218	18.043	ng/ul	92
69) Hexachlorobenzene	16.727	284	354899	18.137	ng/ul	95
70) Atrazine	16.892	200	301753	18.133	ng/ul	99
71) Pentachlorophenol	17.110	266	139042	14.805	ng/ul	96
72) Phenanthrene	17.474	178	1590593	20.162	ng/ul	99
74) Anthracene	17.568	178	1589525	20.051	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	425121	17.990	ng/uL	98
76) Pentachlorobenzene	14.992	250	425342	17.835	ng/uL	98
77) Carbazole	17.868	167	1404725	21.024	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1862293	21.024	ng/ul	100
80) Fluoranthene	19.445	202	1804900	17.998	ng/ul#	95
82) Pyrene	19.798	202	1875640	18.335	ng/ul#	89
83) Butylbenzylphthalate	20.639	149	831001	19.912	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	485892	17.394	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1651206	18.995	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1203718	20.987	ng/ul	99
87) Chrysene	21.574	228	1726627	20.935	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1974434	21.611	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1538957	19.159	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	1703736	20.993	ng/ul#	97
93) Benzo(a)pyrene	23.956	252	1380653	19.671	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.762	276	1610463	16.902	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.768	278	1306370	16.692	ng/ul#	95
96) Benzo(g,h,i)perylene	27.609	276	1259553	16.069	ng/ul#	94

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

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