Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016161.D
Acq On : 10 Jul 2023 16:24
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 23:28:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 23:19:51 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020654

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	192279	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	904813	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.657	164	596520	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	1322267	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.528	240	1183323	20.000	ng/ul	# 0.00
88) Perylene-d12	24.074	264	1145753	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	40733	7.622	ng/uL	0.00
4) Pyridine-d5	3.793	84	245827	18.248	ng/ul	0.00
7) Phenol-d5	7.205	99	327804	19.925	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	228406	22.441	ng/ul	0.00
11) 2-Chlorophenol-d4	7.552	132	246637	19.860	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	256546	19.739	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	128006	18.512	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	150050	18.592	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	270376	18.800	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	389386	21.077	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	906950	19.671	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	1027044	19.816	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	124777	20.508	ng/ul	0.00
60) Fluorene-d10	15.663	176	775257	20.421	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	125367	15.417	ng/ul	0.00
73) Anthracene-d10	17.534	188	1218466	20.174	ng/ul	0.00
81) Pyrene-d10	19.769	212	1397423	18.085	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	1141747	19.754	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	43126	7.499	ng/uL	100
5) Pyridine	3.811	79	255682	18.142	ng/ul	96
6) Benzaldehyde	7.187	77	130421	19.608	ng/ul	97
8) Phenol	7.234	94	358223	20.983	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.440	93	297811	21.925	ng/ul	99
12) 2-Chlorophenol	7.581	128	276270	20.939	ng/ul	97
13) 2-Methylphenol	8.481	108	274424	21.290	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	486285	26.211	ng/ul	99
16) Acetophenone	8.863	105	466449	21.833	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.828	70	267103	22.510	ng/ul	98
18) 4-Methylphenol	8.834	108	304115	21.959	ng/ul	99
19) Hexachloroethane	9.075	117	128537	21.093	ng/ul	93
22) Nitrobenzene	9.252	77	371270	19.119	ng/ul	99
23) Isophorone	9.769	82	757932	20.396	ng/ul	98
25) 2-Nitrophenol	9.969	139	162304	18.949	ng/ul	95
26) 2,4-Dimethylphenol	10.034	107	361637	19.207	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.252	93	435664	20.768	ng/ul	98
29) 2,4-Dichlorophenol	10.540	162	272513	19.059	ng/ul	99
30) Naphthalene	10.881	128	991123	20.150	ng/ul	99
32) 4-Chloroaniline	11.046	127	416922	21.721	ng/ul	97
33) Hexachlorobutadiene	11.134	225	184274	17.066	ng/ul	99
34) Caprolactam	11.857	113	94619m	21.634	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	329569	19.692	ng/ul	98
36) 2-Methylnaphthalene	12.504	142	665094	20.540	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	681215	20.623	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.875	216	361326	18.381	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	121269	20.621	ng/ul	96
41) 2,4,6-Trichlorophenol	13.134	196	223765	18.012	ng/ul	95
42) 2,4,5-Trichlorophenol	13.234	196	243266	18.461	ng/ul	99
43) 1,1'-Biphenyl	13.499	154	923527	19.546	ng/ul	96
44) 2-Chloronaphthalene	13.551	162	717585	19.279	ng/ul	98
45) 2-Nitroaniline	13.799	65	231231	19.744	ng/ul	97
47) Dimethylphthalate	14.122	163	947968	19.867	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	186937	19.314	ng/ul	98
50) Acenaphthylene	14.387	152	1155833	20.239	ng/ul	99
51) 3-Nitroaniline	14.651	138	105761	13.934	ng/ul#	80
52) Acenaphthene	14.722	153	807537	20.391	ng/ul	99
53) 2,4-Dinitrophenol	14.893	184	105017	20.451	ng/ul#	88
55) 4-Nitrophenol	14.993	109	112860	17.900	ng/ul#	68
56) Dibenzofuran	15.075	168	1114865	20.280	ng/ul	98
57) 2,4-Dinitrotoluene	15.093	165	271495	20.584	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.322	232	214751	18.974	ng/ul	98
59) Diethylphthalate	15.475	149	986781	20.436	ng/ul	99
61) Fluorene	15.722	166	909597	20.399	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	443513	19.438	ng/ul	96
63) 4-Nitroaniline	15.845	138	69131m	13.308	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	120169	14.606	ng/ul#	85
67) N-Nitrosodiphenylamine	15.928	169	759568	19.189	ng/ul	100
68) 4-Bromophenyl-phenylether	16.604	248	274645	18.189	ng/ul	91
69) Hexachlorobenzene	16.728	284	320078	17.965	ng/ul	96
70) Atrazine	16.887	200	273466	18.048	ng/ul	98
71) Pentachlorophenol	17.116	266	120968	14.147	ng/ul	97
72) Phenanthrene	17.469	178	1465345	20.399	ng/ul	99
74) Anthracene	17.569	178	1487980	20.615	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	372204	17.299	ng/uL	100
76) Pentachlorobenzene	14.987	250	383232	17.648	ng/uL	100
77) Carbazole	17.869	167	1285602	21.132	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1750918	21.709	ng/ul	99
80) Fluoranthene	19.445	202	1723040	17.943	ng/ul#	95
82) Pyrene	19.798	202	1791542	18.289	ng/ul#	90
83) Butylbenzylphthalate	20.633	149	797039	19.944	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.451	252	456417	17.062	ng/ul#	99
85) Benzo(a)anthracene	21.510	228	1589662	19.097	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1177100	21.432	ng/ul	99
87) Chrysene	21.575	228	1627003	20.601	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	1944050	23.217	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	1450789	19.707	ng/ul#	98
91) Benzo(k)fluoranthene	23.333	252	1582626	21.277	ng/ul#	98
93) Benzo(a)pyrene	23.963	252	1286449	19.998	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.763	276	1422229	16.286	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.768	278	1140952	15.907	ng/ul#	95
96) Benzo(g,h,i)perylene	27.615	276	1091643	15.195	ng/ul#	94

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

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