Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020656.D
Acq On : 27 Jun 2024 10:47
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 27 12:12:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020660

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	181227	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	746978	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	497246	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1039439	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	829180	20.000	ng/ul	0.00
88) Perylene-d12	24.986	264	798924	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	30368	7.196	ng/uL	0.00
4) Pyridine-d5	3.687	84	217007	17.643	ng/ul	0.00
7) Phenol-d5	6.922	99	268197	18.043	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	165493	17.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.281	132	223937	18.434	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	224185	18.570	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	108113	19.604	ng/ul	0.00
24) 2-Nitrophenol-d4	9.605	143	116597	21.127	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	223432	19.654	ng/ul	0.00
31) 4-Chloroaniline-d4	10.657	131	310833	19.510	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	680236	19.675	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	772736	18.731	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	108838	20.604	ng/ul	0.00
60) Fluorene-d10	15.392	176	569256	19.567	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	106045	20.245	ng/ul	0.00
73) Anthracene-d10	17.292	188	877191	18.804	ng/ul	0.01
81) Pyrene-d10	19.669	212	978844	19.650	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	740784	19.062	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	30991	6.562	ng/uL	100
5) Pyridine	3.705	79	222386	17.455	ng/ul	97
6) Benzaldehyde	6.905	77	168428	22.407	ng/ul	99
8) Phenol	6.952	94	270440	17.842	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.175	93	224010	17.851	ng/ul	98
12) 2-Chlorophenol	7.316	128	223363	18.290	ng/ul	99
13) 2-Methylphenol	8.187	108	211875	18.218	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.263	45	328468	17.223	ng/ul	99
16) Acetophenone	8.563	105	351266	18.220	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.546	70	179204	17.487	ng/ul	99
18) 4-Methylphenol	8.505	108	225733	18.337	ng/ul	99
19) Hexachloroethane	8.810	117	96264	18.158	ng/ul	95
22) Nitrobenzene	8.934	77	264847	18.525	ng/ul	99
23) Isophorone	9.463	82	518032	18.288	ng/ul	98
25) 2-Nitrophenol	9.634	139	123996	20.805	ng/ul	99
26) 2,4-Dimethylphenol	9.693	107	261825	18.862	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.934	93	299682	17.784	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	220150	19.565	ng/ul	97
30) Naphthalene	10.569	128	739957	18.508	ng/ul	99
32) 4-Chloroaniline	10.681	127	292562	19.073	ng/ul	99
33) Hexachlorobutadiene	10.840	225	162211	19.283	ng/ul	98
34) Caprolactam	11.463	113	70576m	20.611	ng/ul	
35) 4-Chloro-3-methylphenol	11.799	107	239069	19.243	ng/ul	99
36) 2-Methylnaphthalene	12.169	142	498315	18.606	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	522690	19.091	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.540	216	291908	18.362	ng/ul	98
40) Hexachlorocyclopentadiene	12.510	237	181223	18.314	ng/ul	96
41) 2,4,6-Trichlorophenol	12.787	196	185515	19.561	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	195709	19.897	ng/ul	95
43) 1,1'-Biphenyl	13.198	154	660514	17.762	ng/ul	98
44) 2-Chloronaphthalene	13.234	162	543865	18.569	ng/ul	99
45) 2-Nitroaniline	13.446	65	152992	20.738	ng/ul	97
47) Dimethylphthalate	13.834	163	674876	19.163	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	135726	21.613	ng/ul	99
50) Acenaphthylene	14.093	152	865551	18.574	ng/ul	99
51) 3-Nitroaniline	14.293	138	131259	22.489	ng/ul	97
52) Acenaphthene	14.440	153	577138	18.670	ng/ul	98
53) 2,4-Dinitrophenol	14.498	184	65054	19.971	ng/ul	97
55) 4-Nitrophenol	14.610	109	94907	20.077	ng/ul	97
56) Dibenzofuran	14.781	168	785764	18.864	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	194310	22.416	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.016	232	175617	21.617	ng/ul	97
59) Diethylphthalate	15.216	149	692156	19.925	ng/ul	99
61) Fluorene	15.445	166	641269	19.161	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.440	204	337701	19.336	ng/ul	99
63) 4-Nitroaniline	15.475	138	129051	23.297	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.528	198	115380	20.562	ng/ul#	95
67) N-Nitrosodiphenylamine	15.657	169	549142	17.914	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	213106	18.381	ng/ul	97
69) Hexachlorobenzene	16.469	284	243642	18.772	ng/ul	95
70) Atrazine	16.634	200	213024	19.712	ng/ul	99
71) Pentachlorophenol	16.828	266	147877	19.790	ng/ul	96
72) Phenanthrene	17.234	178	1014903	18.646	ng/ul	99
74) Anthracene	17.322	178	1040232	18.579	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	283895	16.826	ng/uL	99
76) Pentachlorobenzene	14.698	250	286665	17.826	ng/uL	98
77) Carbazole	17.610	167	902925	19.541	ng/ul	100
78) Di-n-butylphthalate	18.198	149	1173707	19.557	ng/ul	99
80) Fluoranthene	19.322	202	1179713	19.388	ng/ul	99
82) Pyrene	19.698	202	1186345	19.011	ng/ul	99
83) Butylbenzylphthalate	20.657	149	494252	21.330	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.545	252	343038	18.712	ng/ul	98
85) Benzo(a)anthracene	21.616	228	1071659	18.439	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	693709	19.282	ng/ul	99
87) Chrysene	21.680	228	1008075	18.350	ng/ul	99
89) Di-n-octyl phthalate	22.839	149	1092403	21.299	ng/ul	100
90) Benzo(b)fluoranthene	23.921	252	928348	19.181	ng/ul	99
91) Benzo(k)fluoranthene	23.992	252	936495	19.128	ng/ul	99
93) Benzo(a)pyrene	24.827	252	854419	18.701	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.804	276	1025228m	17.494	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	856652m	17.786	ng/ul	
96) Benzo(g,h,i)perylene	29.980	276	845630m	17.674	ng/ul	

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

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