Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082324\
Data File : BP021626.D
Acq On : 23 Aug 2024 14:55
Operator : RC/JU
Sample : SSTD02027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 23 16:20:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 23 16:18:29 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020604

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	319681	20.000	ng/ul	0.00
20) Naphthalene-d8	10.587	136	1340422	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	880550	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1862149	20.000	ng/ul	0.00
79) Chrysene-d12	21.716	240	1872572	20.000	ng/ul	0.00
88) Perylene-d12	25.127	264	2170814	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	72824	9.866	ng/uL	0.00
4) Pyridine-d5	3.693	84	549122	25.281	ng/ul	0.00
7) Phenol-d5	6.969	99	658905	23.992	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	376197	23.134	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	437954	20.472	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	516957	23.093	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	216196	20.661	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	217608	18.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.205	165	435689	20.183	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	618556	21.311	ng/ul	0.00
46) Dimethylphthalate-d6	13.846	166	1327199	20.545	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	1528398	20.985	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	248960	25.225	ng/ul	0.00
60) Fluorene-d10	15.445	176	1120509	21.062	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	188352	17.122	ng/ul	0.00
73) Anthracene-d10	17.345	188	1789355	21.196	ng/ul	0.00
81) Pyrene-d10	19.716	212	2102836	18.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.904	264	2289554	21.030	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	78287	9.655	ng/uL	100
5) Pyridine	3.711	79	546008	24.567	ng/ul	100
6) Benzaldehyde	6.946	77	427623	30.133	ng/ul	100
8) Phenol	6.993	94	696490	24.767	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.222	93	557561	24.382	ng/ul	100
12) 2-Chlorophenol	7.369	128	461504	21.223	ng/ul	100
13) 2-Methylphenol	8.234	108	504559	23.683	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.316	45	542758	17.916	ng/ul	100
16) Acetophenone	8.611	105	861097	24.555	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.599	70	407722	22.643	ng/ul	100
18) 4-Methylphenol	8.558	108	556991	24.223	ng/ul	100
19) Hexachloroethane	8.881	117	205494	21.026	ng/ul	100
22) Nitrobenzene	8.987	77	614952	23.581	ng/ul	100
23) Isophorone	9.516	82	1218096	23.428	ng/ul	100
25) 2-Nitrophenol	9.693	139	247593	19.947	ng/ul	100
26) 2,4-Dimethylphenol	9.758	107	600778	23.461	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.993	93	763470	24.019	ng/ul	100
29) 2,4-Dichlorophenol	10.234	162	436153	20.412	ng/ul	100
30) Naphthalene	10.640	128	1511105	21.050	ng/ul	100
32) 4-Chloroaniline	10.734	127	633523	22.512	ng/ul	100
33) Hexachlorobutadiene	10.928	225	290817	18.536	ng/ul	100
34) Caprolactam	11.510	113	172712	24.742	ng/ul	100
35) 4-Chloro-3-methylphenol	11.863	107	573239	23.700	ng/ul	100
36) 2-Methylnaphthalene	12.252	142	1028357	20.894	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.469	142	1033721	20.651	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.616	216	560737	19.632	ng/ul	100
40) Hexachlorocyclopentadiene	12.604	237	315169	20.336	ng/ul	100
41) 2,4,6-Trichlorophenol	12.857	196	360071	19.894	ng/ul	100
42) 2,4,5-Trichlorophenol	12.928	196	389182	20.157	ng/ul	100
43) 1,1'-Biphenyl	13.263	154	1351861	20.769	ng/ul	100
44) 2-Chloronaphthalene	13.299	162	1047377	20.229	ng/ul	100
45) 2-Nitroaniline	13.499	65	330599	22.595	ng/ul	100
47) Dimethylphthalate	13.893	163	1346487	20.529	ng/ul	100
48) 2,6-Dinitrotoluene	13.998	165	251244	19.382	ng/ul	100
50) Acenaphthylene	14.163	152	1646932	20.164	ng/ul	100
51) 3-Nitroaniline	14.328	138	276303	23.551	ng/ul	100
52) Acenaphthene	14.504	153	1150979	20.952	ng/ul	100
53) 2,4-Dinitrophenol	14.546	184	127732	18.458	ng/ul	100
55) 4-Nitrophenol	14.646	109	226951	27.416	ng/ul	100
56) Dibenzofuran	14.845	168	1587798	21.070	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	376396	20.899	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	330457	20.067	ng/ul	100
59) Diethylphthalate	15.275	149	1341502	20.442	ng/ul	100
61) Fluorene	15.510	166	1308567	21.213	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	654734	19.913	ng/ul	100
63) 4-Nitroaniline	15.516	138	288400	27.926	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.581	198	219038	18.470	ng/ul	100
67) N-Nitrosodiphenylamine	15.716	169	1111892	20.383	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	418356	19.276	ng/ul	100
69) Hexachlorobenzene	16.534	284	486385	19.435	ng/ul	100
70) Atrazine	16.692	200	421259	21.045	ng/ul	100
71) Pentachlorophenol	16.881	266	303918	21.625	ng/ul	100
72) Phenanthrene	17.281	178	2051183	20.893	ng/ul	100
74) Anthracene	17.381	178	2095268	20.894	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.228	216	573767	19.334	ng/uL	100
76) Pentachlorobenzene	14.763	250	578783	19.627	ng/uL	100
77) Carbazole	17.651	167	1927160	23.011	ng/ul	100
78) Di-n-butylphthalate	18.257	149	2339158	20.760	ng/ul	100
80) Fluoranthene	19.369	202	2452246	17.951	ng/ul	100
82) Pyrene	19.745	202	2638102	18.762	ng/ul	100
83) Butylbenzylphthalate	20.704	149	1087546	18.585	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.610	252	971833	22.245	ng/ul	100
85) Benzo(a)anthracene	21.698	228	2681053	20.284	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.645	149	1646876	19.386	ng/ul	100
87) Chrysene	21.763	228	2523112	20.454	ng/ul	100
89) Di-n-octyl phthalate	22.963	149	2764231	19.497	ng/ul	100
90) Benzo(b)fluoranthene	24.051	252	2769439	20.707	ng/ul	100
91) Benzo(k)fluoranthene	24.121	252	2647437	19.916	ng/ul	100
93) Benzo(a)pyrene	24.968	252	2490097	19.937	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.039	276	3006327m	18.925	ng/ul	
95) Dibenzo(a,h)anthracene	29.121	278	2425725	18.550	ng/ul	100
96) Benzo(g,h,i)perylene	30.239	276	2294314	17.980	ng/ul	100

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

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