Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021671.D
Acq On : 27 Aug 2024 14:38
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020743

Quant Time: Aug 27 22:46:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	306629	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1269254	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	831179	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1850014	20.000	ng/ul	-0.01
79) Chrysene-d12	21.698	240	1921848	20.000	ng/ul	0.00
88) Perylene-d12	25.104	264	2307693	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	72592	7.860	ng/uL	0.00
4) Pyridine-d5	3.693	84	536527	20.084	ng/ul	0.00
7) Phenol-d5	6.958	99	625759	19.123	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	351547	19.740	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	424046	20.072	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	484055	19.143	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	203707	19.948	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	204742	19.752	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	410975	20.120	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	589893	19.850	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	1270743	19.980	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	1453808	20.360	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	247553	20.459	ng/ul	0.00
60) Fluorene-d10	15.445	176	1094565	20.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	180365	17.726	ng/ul	-0.01
73) Anthracene-d10	17.345	188	1777738	20.248	ng/ul	0.00
81) Pyrene-d10	19.716	212	2165935	19.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.886	264	2454250	19.944	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	79060	8.054	ng/uL	98
5) Pyridine	3.711	79	535108	20.045	ng/ul	99
6) Benzaldehyde	6.940	77	406682	24.297	ng/ul	99
8) Phenol	6.987	94	656093	19.228	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	518353	19.544	ng/ul	99
12) 2-Chlorophenol	7.363	128	444453	20.044	ng/ul	99
13) 2-Methylphenol	8.228	108	470154	19.100	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	508416	19.860	ng/ul	98
16) Acetophenone	8.610	105	805564	19.871	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.593	70	376652	19.688	ng/ul	100
18) 4-Methylphenol	8.558	108	523387	19.422	ng/ul	98
19) Hexachloroethane	8.875	117	200379	20.210	ng/ul	97
22) Nitrobenzene	8.981	77	579812	20.362	ng/ul	99
23) Isophorone	9.510	82	1106104	19.358	ng/ul	99
25) 2-Nitrophenol	9.693	139	233421	20.325	ng/ul	97
26) 2,4-Dimethylphenol	9.752	107	569791	20.215	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	694705	19.387	ng/ul	98
29) 2,4-Dichlorophenol	10.228	162	417022	20.317	ng/ul	99
30) Naphthalene	10.634	128	1421113	19.866	ng/ul	100
32) 4-Chloroaniline	10.734	127	604187	20.138	ng/ul	97
33) Hexachlorobutadiene	10.922	225	274433	19.927	ng/ul	99
34) Caprolactam	11.504	113	163147	18.796	ng/ul	97
35) 4-Chloro-3-methylphenol	11.863	107	549869	20.240	ng/ul	97
36) 2-Methylnaphthalene	12.246	142	962936	19.901	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	973010	19.993	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	526486	20.097	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	277868	18.485	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	342330	20.296	ng/ul	97
42) 2,4,5-Trichlorophenol	12.922	196	373187	20.490	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	1266633	20.142	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	996420	20.209	ng/ul	100
45) 2-Nitroaniline	13.493	65	323732	20.958	ng/ul	96
47) Dimethylphthalate	13.881	163	1267715	19.907	ng/ul	99
48) 2,6-Dinitrotoluene	13.993	165	242840	20.676	ng/ul	99
50) Acenaphthylene	14.151	152	1568990	20.431	ng/ul	99
51) 3-Nitroaniline	14.328	138	281826	21.959	ng/ul	100
52) Acenaphthene	14.498	153	1087099	20.129	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	117219	16.671	ng/ul	93
55) 4-Nitrophenol	14.640	109	245939	22.198	ng/ul	97
56) Dibenzofuran	14.840	168	1536980	20.571	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	376535	21.335	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	321862	20.512	ng/ul	95
59) Diethylphthalate	15.275	149	1302196	20.363	ng/ul	99
61) Fluorene	15.498	166	1244522	20.594	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.498	204	613805	20.214	ng/ul	100
63) 4-Nitroaniline	15.510	138	306821	24.736	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	205049	18.015	ng/ul	97
67) N-Nitrosodiphenylamine	15.716	169	1084994	19.936	ng/ul	99
68) 4-Bromophenyl-phenylether	16.416	248	398523	19.513	ng/ul	96
69) Hexachlorobenzene	16.534	284	467740	19.292	ng/ul	97
70) Atrazine	16.692	200	411182	19.918	ng/ul	98
71) Pentachlorophenol	16.881	266	299684	19.313	ng/ul	100
72) Phenanthrene	17.286	178	2055655	20.240	ng/ul	99
74) Anthracene	17.381	178	2097328	20.383	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	533379	19.392	ng/uL	97
76) Pentachlorobenzene	14.763	250	545342	19.129	ng/uL	99
77) Carbazole	17.657	167	1961274	21.193	ng/ul	100
78) Di-n-butylphthalate	18.263	149	2235621	19.846	ng/ul	100
80) Fluoranthene	19.369	202	2545771	19.858	ng/ul	100
82) Pyrene	19.745	202	2708345	19.947	ng/ul	100
83) Butylbenzylphthalate	20.698	149	1061652	19.097	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.598	252	889167	18.359	ng/ul	98
85) Benzo(a)anthracene	21.674	228	2748296	20.103	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.622	149	1580826	19.266	ng/ul	98
87) Chrysene	21.745	228	2599189	20.202	ng/ul	100
89) Di-n-octyl phthalate	22.933	149	2642963	18.093	ng/ul	100
90) Benzo(b)fluoranthene	24.027	252	2855503	19.776	ng/ul	98
91) Benzo(k)fluoranthene	24.104	252	2850361	20.164	ng/ul	99
93) Benzo(a)pyrene	24.951	252	2712628	20.391	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.986	276	3463960	20.195	ng/ul	98
95) Dibenzo(a,h)anthracene	29.056	278	2794088	20.272	ng/ul	99
96) Benzo(g,h,i)perylene	30.156	276	2698762	20.364	ng/ul	99

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

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