Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021812.D
Acq On : 04 Sep 2024 08:44
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020757

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 04 09:46:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	327538	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1346073	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	857919	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	1779977	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	1708982	20.000	ng/ul	0.02
88) Perylene-d12	25.062	264	1983167	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	78843	7.991	ng/uL	0.00
4) Pyridine-d5	3.687	84	585827	20.529	ng/ul	0.00
7) Phenol-d5	6.952	99	668752	19.132	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	359904	18.920	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	452504	20.051	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	507998	18.807	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	216174	19.961	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.646	143	226844	20.636	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	423396	19.545	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.693	131	599535	19.023	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	1242131	18.922	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	1435828	19.481	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.628	143	233864	18.725	ng/ul	0.00
60) Fluorene-d10	15.433	176	1049019	19.008	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.551	200	174589	17.833	ng/ul	0.00
73) Anthracene-d10	17.328	188	1650451	19.538	ng/ul	-0.01
81) Pyrene-d10	19.698	212	1934514	19.802	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.833	264	2067618	19.552	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	83783	7.991	ng/uL	97
5) Pyridine	3.705	79	584314	20.491	ng/ul	99
6) Benzaldehyde	6.922	77	412061	23.047	ng/ul	98
8) Phenol	6.981	94	699539	19.193	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.205	93	536583	18.940	ng/ul	97
12) 2-Chlorophenol	7.352	128	471369	19.901	ng/ul	99
13) 2-Methylphenol	8.216	108	498729	18.968	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.293	45	520078	19.019	ng/ul	98
16) Acetophenone	8.593	105	829704	19.160	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.581	70	375034	18.352	ng/ul	99
18) 4-Methylphenol	8.546	108	546726	18.993	ng/ul	98
19) Hexachloroethane	8.857	117	214672	20.269	ng/ul	97
22) Nitrobenzene	8.963	77	598140	19.807	ng/ul	99
23) Isophorone	9.493	82	1107754	18.281	ng/ul	99
25) 2-Nitrophenol	9.675	139	258090	21.190	ng/ul	98
26) 2,4-Dimethylphenol	9.740	107	593010	19.838	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.969	93	714674	18.806	ng/ul	98
29) 2,4-Dichlorophenol	10.210	162	434100	19.942	ng/ul	98
30) Naphthalene	10.610	128	1469556	19.371	ng/ul	99
32) 4-Chloroaniline	10.716	127	605268	19.023	ng/ul	99
33) Hexachlorobutadiene	10.904	225	285949	19.578	ng/ul	98
34) Caprolactam	11.493	113	217279	23.604	ng/ul	100
35) 4-Chloro-3-methylphenol	11.851	107	569737	19.775	ng/ul	98
36) 2-Methylnaphthalene	12.228	142	983514	19.167	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	986029	19.104	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	537004	19.860	ng/ul	99
40) Hexachlorocyclopentadiene	12.581	237	321168	20.700	ng/ul	97
41) 2,4,6-Trichlorophenol	12.839	196	349031	20.048	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	373028	19.843	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	1275072	19.644	ng/ul	99
44) 2-Chloronaphthalene	13.281	162	989588	19.445	ng/ul	100
45) 2-Nitroaniline	13.492	65	327029	20.512	ng/ul	97
47) Dimethylphthalate	13.875	163	1242844	18.908	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	245798	20.276	ng/ul	99
50) Acenaphthylene	14.139	152	1554856	19.616	ng/ul	99
51) 3-Nitroaniline	14.322	138	272016	20.534	ng/ul	99
52) Acenaphthene	14.492	153	1082400	19.418	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	126282	17.400	ng/ul	95
55) 4-Nitrophenol	14.639	109	219434	19.189	ng/ul	95
56) Dibenzofuran	14.828	168	1480388	19.196	ng/ul	99
57) 2,4-Dinitrotoluene	14.792	165	366786	20.134	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.057	232	312164	19.274	ng/ul	95
59) Diethylphthalate	15.263	149	1243188	18.834	ng/ul	99
61) Fluorene	15.498	166	1211792	19.427	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	595400	18.997	ng/ul	98
63) 4-Nitroaniline	15.504	138	283183	22.118	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.563	198	196175	17.914	ng/ul#	93
67) N-Nitrosodiphenylamine	15.704	169	1026915	19.612	ng/ul	98
68) 4-Bromophenyl-phenylether	16.398	248	378220	19.248	ng/ul	94
69) Hexachlorobenzene	16.516	284	438529	18.799	ng/ul	96
70) Atrazine	16.680	200	388510	19.560	ng/ul	98
71) Pentachlorophenol	16.875	266	249602	16.719	ng/ul	99
72) Phenanthrene	17.275	178	1903180	19.476	ng/ul	99
74) Anthracene	17.363	178	1931050	19.505	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.210	216	530897	20.061	ng/uL	98
76) Pentachlorobenzene	14.745	250	534378	19.482	ng/uL	99
77) Carbazole	17.633	167	1800874	20.225	ng/ul	100
78) Di-n-butylphthalate	18.239	149	2131936	19.670	ng/ul	100
80) Fluoranthene	19.345	202	2277458	19.977	ng/ul	99
82) Pyrene	19.727	202	2421075	20.052	ng/ul	100
83) Butylbenzylphthalate	20.674	149	1006103	20.352	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.574	252	840477	19.515	ng/ul	98
85) Benzo(a)anthracene	21.657	228	2364450	19.450	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	1447633	19.840	ng/ul	100
87) Chrysene	21.733	228	2187985	19.124	ng/ul	100
89) Di-n-octyl phthalate	22.898	149	2444107	19.470	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	2421918	19.518	ng/ul	99
91) Benzo(k)fluoranthene	24.062	252	2367213	19.486	ng/ul	99
93) Benzo(a)pyrene	24.909	252	2236851	19.566	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	2874509	19.501	ng/ul	99
95) Dibenzo(a,h)anthracene	29.003	278	2321106	19.596	ng/ul	100
96) Benzo(g,h,i)perylene	30.109	276	2258976m	19.834	ng/ul	

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

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