Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022517.D
Acq On : 21 Oct 2024 23:35
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020668

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 22 01:52:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	105634	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	421083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	337346	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	845547	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	857211	20.000	ng/ul	0.00
88) Perylene-d12	24.774	264	985574	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	18857	6.937	ng/uL	0.00
4) Pyridine-d5	3.611	84	136000	18.225	ng/ul	0.00
7) Phenol-d5	6.852	99	170198	19.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	99144	18.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.205	132	129730	20.561	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	139248	19.623	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	67145	20.738	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	78342	20.900	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	161413	20.261	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	176225	18.720	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	521695	19.464	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	566097	19.886	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	84509	18.794	ng/ul	0.00
60) Fluorene-d10	15.275	176	459994	19.786	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.410	200	98285	17.674	ng/ul	0.00
73) Anthracene-d10	17.169	188	768478	19.320	ng/ul	0.00
81) Pyrene-d10	19.557	212	938006	20.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.557	264	1022615	19.429	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	19941	6.823	ng/uL	98
5) Pyridine	3.628	79	136383	17.824	ng/ul	97
6) Benzaldehyde	6.822	77	98239	20.444	ng/ul	98
8) Phenol	6.881	94	172643	18.662	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.093	93	137203	19.816	ng/ul	100
12) 2-Chlorophenol	7.234	128	128964	19.766	ng/ul	99
13) 2-Methylphenol	8.099	108	129583	19.301	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.175	45	156337	19.429	ng/ul	99
16) Acetophenone	8.469	105	228838	19.533	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.452	70	117105	19.730	ng/ul	97
18) 4-Methylphenol	8.428	108	141192	18.957	ng/ul	97
19) Hexachloroethane	8.716	117	61252	20.158	ng/ul	99
22) Nitrobenzene	8.846	77	184952	19.137	ng/ul	96
23) Isophorone	9.363	82	330302	19.062	ng/ul	98
25) 2-Nitrophenol	9.546	139	81622	20.205	ng/ul	95
26) 2,4-Dimethylphenol	9.610	107	169104	19.259	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.840	93	189567	19.267	ng/ul	100
29) 2,4-Dichlorophenol	10.075	162	155842	19.864	ng/ul	99
30) Naphthalene	10.469	128	434297	19.364	ng/ul	99
32) 4-Chloroaniline	10.581	127	175396	18.875	ng/ul	98
33) Hexachlorobutadiene	10.746	225	128836	19.484	ng/ul	99
34) Caprolactam	11.363	113	46225	18.276	ng/ul	86
35) 4-Chloro-3-methylphenol	11.710	107	169897	19.848	ng/ul	99
36) 2-Methylnaphthalene	12.075	142	321575	19.533	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	337125	20.063	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.446	216	244882	19.632	ng/ul	94
40) Hexachlorocyclopentadiene	12.428	237	120150	15.810	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	152332	19.415	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	168065	20.117	ng/ul	96
43) 1,1'-Biphenyl	13.098	154	471145	19.376	ng/ul	98
44) 2-Chloronaphthalene	13.134	162	393291	19.758	ng/ul	99
45) 2-Nitroaniline	13.351	65	113936	19.170	ng/ul	95
47) Dimethylphthalate	13.728	163	528037	19.771	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	107016	21.184	ng/ul	95
50) Acenaphthylene	13.993	152	599208	20.281	ng/ul	100
51) 3-Nitroaniline	14.187	138	93497	19.706	ng/ul	95
52) Acenaphthene	14.334	153	407514	19.506	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	70239	18.898	ng/ul	98
55) 4-Nitrophenol	14.516	109	102264	20.491	ng/ul	98
56) Dibenzofuran	14.675	168	605950	19.308	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	165201	21.045	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.910	232	161136	20.664	ng/ul	98
59) Diethylphthalate	15.110	149	508792	19.857	ng/ul	99
61) Fluorene	15.334	166	508661	19.892	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.334	204	290324	19.854	ng/ul	98
63) 4-Nitroaniline	15.363	138	101566	21.273	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.428	198	103329	17.250	ng/ul	100
67) N-Nitrosodiphenylamine	15.551	169	433841	19.160	ng/ul	100
68) 4-Bromophenyl-phenylether	16.240	248	203182	19.926	ng/ul	95
69) Hexachlorobenzene	16.363	284	251644	20.050	ng/ul	97
70) Atrazine	16.528	200	172869	18.367	ng/ul	95
71) Pentachlorophenol	16.722	266	164914	20.435	ng/ul	98
72) Phenanthrene	17.110	178	874894	19.340	ng/ul	99
74) Anthracene	17.204	178	879913	19.491	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	234583	18.221	ng/uL	98
76) Pentachlorobenzene	14.598	250	266888	18.752	ng/uL	98
77) Carbazole	17.481	167	754557	18.890	ng/ul	99
78) Di-n-butylphthalate	18.075	149	886056	20.047	ng/ul	100
80) Fluoranthene	19.204	202	1123862	21.566	ng/ul	100
82) Pyrene	19.586	202	1141258	20.432	ng/ul	97
83) Butylbenzylphthalate	20.533	149	399169	20.526	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	363205	17.775	ng/ul	99
85) Benzo(a)anthracene	21.480	228	1189043	19.786	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.422	149	587814	21.058	ng/ul	100
87) Chrysene	21.545	228	1082836	19.433	ng/ul	99
89) Di-n-octyl phthalate	22.669	149	977498	20.851	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1214642	19.579	ng/ul	99
91) Benzo(k)fluoranthene	23.810	252	1228882	20.232	ng/ul	99
93) Benzo(a)pyrene	24.621	252	1149311	20.129	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.486	276	1470618	19.301	ng/ul	98
95) Dibenzo(a,h)anthracene	28.551	278	1213917	19.675	ng/ul#	98
96) Benzo(g,h,i)perylene	29.621	276	1171571m	19.768	ng/ul	

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

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