Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022799.D
Acq On : 01 Nov 2024 11:20
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020694

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 12:41:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	86195	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	334164	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.251	164	269405	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.069	188	663011	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	695674	20.000	ng/ul	0.00
88) Perylene-d12	24.751	264	822262	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	16259	7.330	ng/uL	0.00
4) Pyridine-d5	3.587	84	122188	20.066	ng/ul	0.00
7) Phenol-d5	6.822	99	146786	20.231	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.969	67	82755	19.406	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	110909	21.542	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	119232	20.591	ng/ul	-0.01
21) Nitrobenzene-d5	8.775	128	55098	21.444	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	67327	22.633	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.022	165	143238	22.656	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.528	131	153096	20.493	ng/ul	-0.01
46) Dimethylphthalate-d6	13.669	166	438508	20.486	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	482997	21.245	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.493	143	63543	17.695	ng/ul	-0.02
60) Fluorene-d10	15.257	176	405347	21.833	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	76623	17.572	ng/ul	0.01
73) Anthracene-d10	17.169	188	665724	21.344	ng/ul	0.00
81) Pyrene-d10	19.551	212	819898	22.287	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.527	264	931857	21.221	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	17106	7.173	ng/uL	96
5) Pyridine	3.605	79	122925	19.688	ng/ul	94
6) Benzaldehyde	6.793	77	80255	20.468	ng/ul	99
8) Phenol	6.852	94	153673	20.357	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.064	93	112713	19.951	ng/ul	99
12) 2-Chlorophenol	7.205	128	114912	21.585	ng/ul	94
13) 2-Methylphenol	8.075	108	113074	20.640	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	125717	19.147	ng/ul	99
16) Acetophenone	8.446	105	196907	20.598	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.428	70	98403	20.318	ng/ul	95
18) 4-Methylphenol	8.405	108	122372	20.135	ng/ul	98
19) Hexachloroethane	8.687	117	50601	20.408	ng/ul	97
22) Nitrobenzene	8.816	77	158813	20.707	ng/ul	98
23) Isophorone	9.334	82	272504	19.817	ng/ul	98
25) 2-Nitrophenol	9.516	139	69893	21.801	ng/ul	95
26) 2,4-Dimethylphenol	9.581	107	150708	21.628	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.805	93	154674	19.810	ng/ul	100
29) 2,4-Dichlorophenol	10.052	162	139529	22.411	ng/ul	98
30) Naphthalene	10.434	128	382075	21.467	ng/ul	99
32) 4-Chloroaniline	10.552	127	151730	20.575	ng/ul	97
33) Hexachlorobutadiene	10.710	225	113239	21.580	ng/ul	97
34) Caprolactam	11.340	113	37432	18.649	ng/ul	95
35) 4-Chloro-3-methylphenol	11.693	107	149036	21.940	ng/ul	100
36) 2-Methylnaphthalene	12.046	142	287792	22.028	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	289441	21.705	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	220538	22.139	ng/ul	95
40) Hexachlorocyclopentadiene	12.387	237	91446	15.067	ng/ul	97
41) 2,4,6-Trichlorophenol	12.675	196	137187	21.894	ng/ul	98
42) 2,4,5-Trichlorophenol	12.757	196	151783	22.750	ng/ul	97
43) 1,1'-Biphenyl	13.069	154	416940	21.471	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	338516	21.295	ng/ul	97
45) 2-Nitroaniline	13.334	65	97131	20.463	ng/ul	98
47) Dimethylphthalate	13.716	163	434542	20.373	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	89865	22.275	ng/ul	95
50) Acenaphthylene	13.975	152	491317	20.823	ng/ul	99
51) 3-Nitroaniline	14.163	138	72589	19.157	ng/ul	95
52) Acenaphthene	14.316	153	354498	21.247	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	51987	17.514	ng/ul	97
55) 4-Nitrophenol	14.510	109	74311	18.645	ng/ul	95
56) Dibenzofuran	14.663	168	546913	21.822	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	138741	22.131	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	14.893	232	138398	22.224	ng/ul#	98
59) Diethylphthalate	15.104	149	422025	20.624	ng/ul	98
61) Fluorene	15.310	166	442287	21.659	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	252044	21.583	ng/ul	100
63) 4-Nitroaniline	15.363	138	74877m	19.638	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	82446	17.553	ng/ul	99
67) N-Nitrosodiphenylamine	15.534	169	376518	21.206	ng/ul	99
68) 4-Bromophenyl-phenylether	16.234	248	178334	22.305	ng/ul	95
69) Hexachlorobenzene	16.357	284	223642	22.724	ng/ul	97
70) Atrazine	16.522	200	155139	21.021	ng/ul	94
71) Pentachlorophenol	16.716	266	129887	20.526	ng/ul	99
72) Phenanthrene	17.110	178	749340	21.125	ng/ul	99
74) Anthracene	17.204	178	750708	21.207	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.040	216	225533	22.341	ng/uL	97
76) Pentachlorobenzene	14.575	250	250180	22.418	ng/uL	99
77) Carbazole	17.498	167	644741	20.584	ng/ul	99
78) Di-n-butylphthalate	18.075	149	710206	20.492	ng/ul	100
80) Fluoranthene	19.204	202	960529	22.711	ng/ul	98
82) Pyrene	19.586	202	1025356	22.620	ng/ul#	96
83) Butylbenzylphthalate	20.522	149	339328	21.501	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.404	252	340142	20.511	ng/ul	96
85) Benzo(a)anthracene	21.480	228	1032523	21.172	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	470876	20.786	ng/ul	99
87) Chrysene	21.545	228	965918	21.360	ng/ul	99
89) Di-n-octyl phthalate	22.639	149	771818	19.734	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	1106819	21.384	ng/ul#	99
91) Benzo(k)fluoranthene	23.786	252	1099617m	21.700	ng/ul	
93) Benzo(a)pyrene	24.604	252	999850	20.989	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.445	276	1303887m	20.512	ng/ul	
95) Dibenzo(a,h)anthracene	28.504	278	1049260m	20.384	ng/ul	
96) Benzo(g,h,i)perylene	29.586	276	997418	20.172	ng/ul	98

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

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