Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019960.D
Acq On : 22 Mar 2024 17:49
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020760

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 23:11:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 22:40:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	134609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	548260	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	341470	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.080	188	643859	20.000	ng/ul	-0.01
79) Chrysene-d12	21.556	240	548589	20.000	ng/ul	0.00
88) Perylene-d12	24.850	264	644641	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	24693	8.037	ng/uL	0.00
4) Pyridine-d5	3.640	84	188935	20.367	ng/ul	0.00
7) Phenol-d5	6.804	99	232811	20.507	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	152034	20.555	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	168500	20.667	ng/ul	0.00
15) 4-Methylphenol-d8	8.316	113	185410	21.109	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	87359	20.788	ng/ul	0.00
24) 2-Nitrophenol-d4	9.481	143	99227	21.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	182134	21.211	ng/ul	0.00
31) 4-Chloroaniline-d4	10.528	131	231700	20.699	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	475442	19.859	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	571132	20.421	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	72710	19.318	ng/ul	0.00
60) Fluorene-d10	15.274	176	410108	20.109	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	75855	19.682	ng/ul	0.00
73) Anthracene-d10	17.180	188	594020	20.842	ng/ul	0.00
81) Pyrene-d10	19.580	212	654614	20.338	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.627	264	637089	20.571	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	28166	8.034	ng/uL	99
5) Pyridine	3.657	79	191036	20.203	ng/ul	94
6) Benzaldehyde	6.793	77	148347	26.425	ng/ul	99
8) Phenol	6.834	94	242950	20.469	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.069	93	198607	20.662	ng/ul	99
12) 2-Chlorophenol	7.192	128	177477	20.655	ng/ul	95
13) 2-Methylphenol	8.063	108	179825	21.017	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.139	45	279489	21.145	ng/ul	99
16) Acetophenone	8.439	105	306442	21.630	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	169778	21.485	ng/ul	99
18) 4-Methylphenol	8.387	108	191839	20.831	ng/ul	99
19) Hexachloroethane	8.669	117	82735	20.731	ng/ul	95
22) Nitrobenzene	8.816	77	255156	21.317	ng/ul	99
23) Isophorone	9.334	82	462792	20.742	ng/ul	99
25) 2-Nitrophenol	9.510	139	104152	21.249	ng/ul	98
26) 2,4-Dimethylphenol	9.569	107	220459	20.604	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.804	93	277269	21.252	ng/ul	98
29) 2,4-Dichlorophenol	10.039	162	174589	20.784	ng/ul	99
30) Naphthalene	10.422	128	585944	20.832	ng/ul	99
32) 4-Chloroaniline	10.551	127	232669	21.179	ng/ul	99
33) Hexachlorobutadiene	10.692	225	133681	20.194	ng/ul	99
34) Caprolactam	11.375	113	51321m	19.655	ng/ul	
35) 4-Chloro-3-methylphenol	11.686	107	202165	21.665	ng/ul	99
36) 2-Methylnaphthalene	12.045	142	393169	20.995	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.269	142	397573	21.227	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.416	216	232985	20.637	ng/ul	100
40)	Hexachlorocyclopentadiene	12.375	237	120185	18.813	ng/ul	99
41)	2,4,6-Trichlorophenol	12.675	196	146827	21.170	ng/ul	98
42)	2,4,5-Trichlorophenol	12.745	196	152076	21.200	ng/ul	99
43)	1,1'-Biphenyl	13.075	154	514229	20.795	ng/ul	98
44)	2-Chloronaphthalene	13.116	162	410423	20.581	ng/ul	99
45)	2-Nitroaniline	13.345	65	131419	20.921	ng/ul	98
47)	Dimethylphthalate	13.722	163	497432	20.584	ng/ul	100
48)	2,6-Dinitrotoluene	13.857	165	100978	20.581	ng/ul	99
50)	Acenaphthylene	13.980	152	653685	20.901	ng/ul	99
51)	3-Nitroaniline	14.192	138	94511	20.917	ng/ul	92
52)	Acenaphthene	14.327	153	425962	20.502	ng/ul	98
53)	2,4-Dinitrophenol	14.410	184	49889	17.867	ng/ul	94
55)	4-Nitrophenol	14.522	109	65654	19.008	ng/ul	92
56)	Dibenzofuran	14.674	168	580274	20.565	ng/ul	99
57)	2,4-Dinitrotoluene	14.669	165	139102	20.736	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	14.904	232	125148	20.343	ng/ul#	98
59)	Diethylphthalate	15.110	149	471016	19.655	ng/ul	98
61)	Fluorene	15.339	166	465033	20.206	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.333	204	250812	20.347	ng/ul	99
63)	4-Nitroaniline	15.386	138	80820	20.943	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.445	198	80105	19.585	ng/ul	96
67)	N-Nitrosodiphenylamine	15.551	169	382677	21.517	ng/ul	98
68)	4-Bromophenyl-phenylether	16.251	248	148938	21.314	ng/ul	93
69)	Hexachlorobenzene	16.351	284	164314	21.176	ng/ul	99
70)	Atrazine	16.551	200	138485	20.324	ng/ul	98
71)	Pentachlorophenol	16.721	266	90930	19.991	ng/ul	98
72)	Phenanthrene	17.115	178	696361	20.919	ng/ul	100
74)	Anthracene	17.221	178	705306	20.867	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.033	216	233961	22.287	ng/uL	99
76)	Pentachlorobenzene	14.586	250	213717	21.983	ng/uL	99
77)	Carbazole	17.510	167	590297	20.423	ng/ul	99
78)	Di-n-butylphthalate	18.115	149	738687	20.469	ng/ul	99
80)	Fluoranthene	19.233	202	778483	20.592	ng/ul	99
82)	Pyrene	19.609	202	809214	20.595	ng/ul	99
83)	Butylbenzylphthalate	20.580	149	322472	20.211	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.462	252	251470	21.555	ng/ul	97
85)	Benzo(a)anthracene	21.533	228	797819	21.015	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.480	149	470507	20.182	ng/ul	100
87)	Chrysene	21.598	228	729412	20.666	ng/ul	99
89)	Di-n-octyl phthalate	22.745	149	813541	19.898	ng/ul	100
90)	Benzo(b)fluoranthene	23.803	252	792554	20.970	ng/ul	98
91)	Benzo(k)fluoranthene	23.880	252	776388	20.214	ng/ul	99
93)	Benzo(a)pyrene	24.692	252	742263	20.303	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.603	276	966713m	20.994	ng/ul	
95)	Dibenzo(a,h)anthracene	28.685	278	794572m	21.214	ng/ul	
96)	Benzo(g,h,i)perylene	29.750	276	765468m	20.581	ng/ul	

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

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