Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022522\
Data File : BP009240.D
Acq On : 25 Feb 2022 19:09
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 28 04:28:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP022522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 28 04:25:37 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SICV607

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

02/28/2022

Supervised By :mohammad ahmed

03/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	2415	20.000	ng/ul		0.00
20) Naphthalene-d8	10.628	136	8386	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.469	164	6648	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.222	188	15042	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.333	240	18399	20.000	ng/ul	#	0.00
88) Perylene-d12	23.745	264	20390	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.322	96	529m	6.234	ng/uL		0.00
4) Pyridine-d5	3.722	84	3430	20.785	ng/ul		0.00
7) Phenol-d5	6.987	99	4726	19.357	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	2159	19.702	ng/ul		0.00
11) 2-Chlorophenol-d4	7.363	132	2751	18.768	ng/ul		0.00
15) 4-Methylphenol-d8	8.528	113	3695	19.622	ng/ul		0.00
21) Nitrobenzene-d5	8.969	128	1482	21.989	ng/ul		0.00
24) 2-Nitrophenol-d4	9.699	143	1885	23.084	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.240	165	3244m	18.881	ng/ul		0.00
31) 4-Chloroaniline-d4	10.751	131	3399	18.456	ng/ul		0.00
46) Dimethylphthalate-d6	13.881	166	10253	19.904	ng/ul		0.00
49) Acenaphthylene-d8	14.157	160	12305	20.040	ng/ul		0.00
54) 4-Nitrophenol-d4	14.645	143	1709	19.761	ng/ul		0.00
60) Fluorene-d10	15.463	176	8707	18.686	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	2055	19.210	ng/ul		0.00
73) Anthracene-d10	17.322	188	14576	20.189	ng/ul		0.00
81) Pyrene-d10	19.569	212	17483	18.672	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.592	264	20581	19.770	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	611	8.058	ng/uL	#	64
5) Pyridine	3.740	79	2797	17.254	ng/ul	#	85
6) Benzaldehyde	6.963	77	2939m	21.324	ng/ul		
8) Phenol	7.016	94	4717	19.164	ng/ul		95
10) Bis(2-Chloroethyl)ether	7.252	93	3707	19.643	ng/ul		93
12) 2-Chlorophenol	7.393	128	2873	18.458	ng/ul	#	87
13) 2-Methylphenol	8.263	108	3568	18.583	ng/ul		82
14) 2,2'-oxybis(1-Chloropr...	8.357	45	2116	20.790	ng/ul	#	55
16) Acetophenone	8.646	105	6198	19.610	ng/ul		92
17) N-Nitroso-di-n-propyla...	8.640	70	2720m	19.737	ng/ul		
18) 4-Methylphenol	8.593	108	3901	19.269	ng/ul		93
19) Hexachloroethane	8.916	117	1613	19.070	ng/ul	#	80
22) Nitrobenzene	9.016	77	3934	19.552	ng/ul	#	94
23) Isophorone	9.552	82	8162	20.094	ng/ul	#	95
25) 2-Nitrophenol	9.734	139	1705	21.666	ng/ul	#	87
26) 2,4-Dimethylphenol	9.799	107	5116m	21.496	ng/ul		
27) Bis(2-Chloroethoxy)met...	10.034	93	4785	19.394	ng/ul	#	94
29) 2,4-Dichlorophenol	10.269	162	2840	18.045	ng/ul	#	74
30) Naphthalene	10.675	128	8869	19.082	ng/ul		95
32) 4-Chloroaniline	10.775	127	3895	20.562	ng/ul	#	82
33) Hexachlorobutadiene	10.975	225	2780	19.839	ng/ul		90
34) Caprolactam	11.534	113	1146m	20.789	ng/ul		
35) 4-Chloro-3-methylphenol	11.904	107	4642	19.106	ng/ul	#	95
36) 2-Methylnaphthalene	12.287	142	6321	20.101	ng/ul		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	6327	19.565	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	4799	20.064	ng/ul	91
40) Hexachlorocyclopentadiene	12.645	237	3880	20.683	ng/ul#	79
41) 2,4,6-Trichlorophenol	12.898	196	3025	19.402	ng/ul	93
42) 2,4,5-Trichlorophenol	12.957	196	3021	19.100	ng/ul#	74
43) 1,1'-Biphenyl	13.298	154	9477	20.648	ng/ul#	95
44) 2-Chloronaphthalene	13.340	162	7145	19.606	ng/ul	90
45) 2-Nitroaniline	13.528	65	2180	20.577	ng/ul#	68
47) Dimethylphthalate	13.928	163	9542	19.202	ng/ul#	97
48) 2,6-Dinitrotoluene	14.040	165	1988	19.470	ng/ul#	85
50) Acenaphthylene	14.187	152	11138	19.248	ng/ul	97
51) 3-Nitroaniline	14.357	138	1835	19.320	ng/ul#	64
52) Acenaphthene	14.534	153	7738	19.967	ng/ul	91
53) 2,4-Dinitrophenol	14.563	184	1567	20.201	ng/ul#	83
55) 4-Nitrophenol	14.663	109	2147	18.290	ng/ul	93
56) Dibenzofuran	14.869	168	11438	19.599	ng/ul	95
57) 2,4-Dinitrotoluene	14.822	165	3251	21.563	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.092	232	3224	21.322	ng/ul#	94
59) Diethylphthalate	15.298	149	9267	18.988	ng/ul#	94
61) Fluorene	15.516	166	9506	20.073	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	5601	19.687	ng/ul	98
63) 4-Nitroaniline	15.522	138	1996	20.311	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.587	198	2047	20.324	ng/ul#	86
67) N-Nitrosodiphenylamine	15.728	169	8640	21.200	ng/ul	90
68) 4-Bromophenyl-phenylether	16.422	248	3851	20.338	ng/ul	91
69) Hexachlorobenzene	16.534	284	4337	20.840	ng/ul	93
70) Atrazine	16.692	200	3479	18.570	ng/ul	95
71) Pentachlorophenol	16.869	266	2900	19.799	ng/ul#	74
72) Phenanthrene	17.269	178	15334	19.935	ng/ul	98
74) Anthracene	17.357	178	15909	19.918	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.263	216	4646	18.930	ng/uL	91
76) Pentachlorobenzene	14.792	250	4937	20.493	ng/uL	97
77) Carbazole	17.628	167	14294	21.196	ng/ul#	94
78) Di-n-butylphthalate	18.204	149	16878	19.556	ng/ul	96
80) Fluoranthene	19.245	202	19570	18.665	ng/ul	96
82) Pyrene	19.598	202	20397	19.179	ng/ul#	96
83) Butylbenzylphthalate	20.492	149	7835	18.283	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.251	252	9070	20.250	ng/ul	94
85) Benzo(a)anthracene	21.316	228	23812	20.880	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.263	149	11670	18.134	ng/ul	95
87) Chrysene	21.369	228	20848	18.712	ng/ul	98
89) Di-n-octyl phthalate	22.198	149	21861	18.290	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	24956	19.466	ng/ul#	95
91) Benzo(k)fluoranthene	23.057	252	23420	20.288	ng/ul	97
93) Benzo(a)pyrene	23.639	252	23860	19.821	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.257	276	27555m	18.876	ng/ul	
95) Dibenzo(a,h)anthracene	26.274	278	23716	19.182	ng/ul#	96
96) Benzo(g,h,i)perylene	27.021	276	23428	19.261	ng/ul#	93

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

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