Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040722\
Data File : BP009705.D
Acq On : 07 Apr 2022 19:13
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SICV622

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/08/2022
Supervised By :mohammad ahmed 04/11/2022

Quant Time: Apr 08 03:26:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 19:16:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	199656	20.000	ng/ul		0.00
20) Naphthalene-d8	10.799	136	919096	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.622	164	691099	20.000	ng/ul		0.01
64) Phenanthrene-d10	17.375	188	1578333	20.000	ng/ul	#	0.01
79) Chrysene-d12	21.457	240	1684037	20.000	ng/ul	#	0.01
88) Perylene-d12	23.945	264	1594884	20.000	ng/ul		0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.399	96	31533	7.049	ng/uL		0.00
4) Pyridine-d5	3.811	84	225093	18.249	ng/ul		0.00
7) Phenol-d5	7.134	99	296551	16.918	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	206742	19.812	ng/ul		0.00
11) 2-Chlorophenol-d4	7.516	132	235357	17.800	ng/ul		0.01
15) 4-Methylphenol-d8	8.693	113	262696	17.953	ng/ul		0.01
21) Nitrobenzene-d5	9.146	128	125304	18.906	ng/ul		0.00
24) 2-Nitrophenol-d4	9.869	143	137820	18.967	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.410	165	265056	17.432	ng/ul		0.00
31) 4-Chloroaniline-d4	10.928	131	377070	17.411	ng/ul		0.01
46) Dimethylphthalate-d6	14.034	166	962960	17.738	ng/ul		0.01
49) Acenaphthylene-d8	14.316	160	1088953	16.932	ng/ul		0.01
54) 4-Nitrophenol-d4	14.804	143	183123	18.600	ng/ul		0.02
60) Fluorene-d10	15.616	176	784868	17.186	ng/ul		0.01
65) 4,6-Dinitro-2-methylph...	15.728	200	172448	18.443	ng/ul		0.02
73) Anthracene-d10	17.475	188	1306077	17.283	ng/ul		0.01
81) Pyrene-d10	19.698	212	1583069	17.212	ng/ul		0.01
92) Benzo(a)pyrene-d12	23.780	264	1441586	17.357	ng/ul		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	33254	7.292	ng/uL	#	23
5) Pyridine	3.834	79	210377	16.347	ng/ul	#	50
6) Benzaldehyde	7.117	77	212109	19.731	ng/ul		97
8) Phenol	7.164	94	302689	17.252	ng/ul	#	92
10) Bis(2-Chloroethyl)ether	7.405	93	239887	17.552	ng/ul	#	78
12) 2-Chlorophenol	7.546	128	234543	17.595	ng/ul		93
13) 2-Methylphenol	8.422	108	235497	17.212	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.516	45	355295	17.587	ng/ul	#	83
16) Acetophenone	8.811	105	414178	17.965	ng/ul	#	82
17) N-Nitroso-di-n-propyla...	8.799	70	222916	18.650	ng/ul	#	72
18) 4-Methylphenol	8.758	108	262206	17.697	ng/ul		95
19) Hexachloroethane	9.081	117	97458	17.316	ng/ul		85
22) Nitrobenzene	9.187	77	306128	17.994	ng/ul	#	85
23) Isophorone	9.722	82	638988	18.228	ng/ul		96
25) 2-Nitrophenol	9.905	139	145856	18.820	ng/ul	#	84
26) 2,4-Dimethylphenol	9.963	107	319026	17.346	ng/ul	#	79
27) Bis(2-Chloroethoxy)met...	10.205	93	356540	17.323	ng/ul	#	97
29) 2,4-Dichlorophenol	10.440	162	257840	17.491	ng/ul	#	83
30) Naphthalene	10.846	128	816896	17.282	ng/ul		97
32) 4-Chloroaniline	10.952	127	373381	17.422	ng/ul		97
33) Hexachlorobutadiene	11.146	225	180317	16.984	ng/ul		93
34) Caprolactam	11.722	113	92878m	19.051	ng/ul		
35) 4-Chloro-3-methylphenol	12.069	107	325465	18.221	ng/ul	#	70
36) 2-Methylnaphthalene	12.451	142	613786	17.774	ng/ul		89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	593420	17.019	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.822	216	352004	16.648	ng/ul	94
40) Hexachlorocyclopentadiene	12.810	237	246169	16.777	ng/ul	96
41) 2,4,6-Trichlorophenol	13.051	196	235529	17.443	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.122	196	256032	17.545	ng/ul#	85
43) 1,1'-Biphenyl	13.457	154	849002	16.837	ng/ul	93
44) 2-Chloronaphthalene	13.499	162	652980	16.846	ng/ul	94
45) 2-Nitroaniline	13.693	65	223117	19.642	ng/ul#	82
47) Dimethylphthalate	14.081	163	921943	17.645	ng/ul#	92
48) 2,6-Dinitrotoluene	14.187	165	201130	20.928	ng/ul	94
50) Acenaphthylene	14.346	152	1124797	17.722	ng/ul	95
51) 3-Nitroaniline	14.516	138	206330	20.651	ng/ul#	82
52) Acenaphthene	14.687	153	713847	17.178	ng/ul	97
53) 2,4-Dinitrophenol	14.716	184	110164	18.964	ng/ul#	83
55) 4-Nitrophenol	14.816	109	162578	17.939	ng/ul#	52
56) Dibenzofuran	15.022	168	1051448	17.191	ng/ul	98
57) 2,4-Dinitrotoluene	14.975	165	278312	19.721	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.245	232	246450	18.523	ng/ul#	88
59) Diethylphthalate	15.445	149	956865	17.696	ng/ul	93
61) Fluorene	15.669	166	863735	17.145	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.669	204	457773	17.090	ng/ul	99
63) 4-Nitroaniline	15.681	138	222208	22.205	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.740	198	170161	18.309	ng/ul#	90
67) N-Nitrosodiphenylamine	15.875	169	783093	17.332	ng/ul	95
68) 4-Bromophenyl-phenylether	16.563	248	290943	17.029	ng/ul	94
69) Hexachlorobenzene	16.681	284	329090	16.752	ng/ul#	91
70) Atrazine	16.834	200	303412	16.270	ng/ul#	88
71) Pentachlorophenol	17.022	266	223295	16.792	ng/ul	86
72) Phenanthrene	17.416	178	1442027	17.116	ng/ul	98
74) Anthracene	17.510	178	1462112	17.117	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.422	216	376440	16.497	ng/uL#	86
76) Pentachlorobenzene	14.945	250	375590	16.886	ng/uL	92
77) Carbazole	17.769	167	1353260	17.531	ng/ul#	95
78) Di-n-butylphthalate	18.334	149	1716930	18.088	ng/ul#	92
80) Fluoranthene	19.375	202	1794946	16.955	ng/ul#	96
82) Pyrene	19.728	202	1830639	17.055	ng/ul#	94
83) Butylbenzylphthalate	20.604	149	803001	18.237	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.369	252	727035	20.260	ng/ul#	97
85) Benzo(a)anthracene	21.439	228	1884937	17.656	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.375	149	1195674	18.053	ng/ul#	82
87) Chrysene	21.498	228	1733458	16.829	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	1960353	17.543	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1833308	17.301	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	1717883	17.766	ng/ul#	98
93) Benzo(a)pyrene	23.833	252	1696480	17.272	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.551	276	1675195	16.310	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.568	278	1480006	16.617	ng/ul#	96
96) Benzo(g,h,i)perylene	27.345	276	1399927	16.530	ng/ul#	92

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

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