Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051322\
Data File : BP010346.D
Acq On : 13 May 2022 11:01
Operator : CG/JU
Sample : SSTD00538
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD005638

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 14:54:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 14:50:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	116528	20.000	ng/ul		0.00
20) Naphthalene-d8	10.704	136	506902	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.534	164	366628	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.286	188	830938	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.369	240	891060	20.000	ng/ul		0.00
88) Perylene-d12	23.798	264	813513	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.358	96	5222m	1.930	ng/uL		0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul		
7) Phenol-d5	0.000	99	0d	0.000	ng/ul		
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul		
11) 2-Chlorophenol-d4	7.434	132	32325	4.319	ng/ul		0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul		
21) Nitrobenzene-d5	9.063	128	16962	4.324	ng/ul		0.00
24) 2-Nitrophenol-d4	9.787	143	16815	4.044	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.328	165	34478	4.386	ng/ul		0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul		
46) Dimethylphthalate-d6	13.945	166	127419	4.717	ng/ul		0.00
49) Acenaphthylene-d8	14.228	160	140321	4.504	ng/ul		0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul		
60) Fluorene-d10	15.528	176	112143	4.772	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul		
73) Anthracene-d10	17.386	188	171906	4.569	ng/ul		0.00
81) Pyrene-d10	19.616	212	216190	4.569	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.639	264	176706	4.326	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	5304m	1.874	ng/uL		
12) 2-Chlorophenol	7.469	128	35202	4.506	ng/ul		95
17) N-Nitroso-di-n-propyla...	8.710	70	31930	4.568	ng/ul	#	69
19) Hexachloroethane	8.987	117	16551	4.871	ng/ul	#	81
22) Nitrobenzene	9.105	77	47460	4.604	ng/ul	#	79
23) Isophorone	9.634	82	84433	4.431	ng/ul		98
25) 2-Nitrophenol	9.822	139	19221	4.210	ng/ul	#	85
26) 2,4-Dimethylphenol	9.881	107	44848	4.528	ng/ul	#	79
27) Bis(2-Chloroethoxy)met...	10.116	93	51334	4.524	ng/ul	#	96
29) 2,4-Dichlorophenol	10.357	162	36220	4.506	ng/ul	#	85
30) Naphthalene	10.757	128	124309	4.695	ng/ul		96
33) Hexachlorobutadiene	11.046	225	27599	4.846	ng/ul		95
35) 4-Chloro-3-methylphenol	11.993	107	40455	4.303	ng/ul	#	72
36) 2-Methylnaphthalene	12.363	142	86649	4.623	ng/ul		92
37) 1-Methylnaphthalene	12.581	142	89925	4.752	ng/ul	#	92
39) 1,2,4,5-Tetrachloroben...	12.734	216	54219	4.846	ng/ul	#	94
41) 2,4,6-Trichlorophenol	12.975	196	29644	4.251	ng/ul	#	77
42) 2,4,5-Trichlorophenol	13.051	196	32632	4.191	ng/ul	#	92
43) 1,1'-Biphenyl	13.369	154	128070	4.759	ng/ul	#	93
44) 2-Chloronaphthalene	13.410	162	98060	4.718	ng/ul		95
45) 2-Nitroaniline	13.622	65	27651	4.042	ng/ul	#	68
47) Dimethylphthalate	13.993	163	127104	4.744	ng/ul	#	92
48) 2,6-Dinitrotoluene	14.110	165	22645	4.146	ng/ul		94
50) Acenaphthylene	14.257	152	156262	4.636	ng/ul		95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	Acenaphthene	14.598	153	105885	4.816	ng/ul	96
56)	Dibenzofuran	14.934	168	158386	4.915	ng/ul	98
57)	2,4-Dinitrotoluene	14.898	165	32276	4.105	ng/ul#	66
58)	2,3,4,6-Tetrachlorophenol	15.163	232	28484	4.254	ng/ul#	87
59)	Diethylphthalate	15.351	149	128369	4.695	ng/ul#	90
61)	Fluorene	15.581	166	126714	4.808	ng/ul	94
62)	4-Chlorophenyl-phenyle...	15.575	204	66832	4.875	ng/ul	91
67)	N-Nitrosodiphenylamine	15.792	169	107471	4.524	ng/ul	94
68)	4-Bromophenyl-phenylether	16.475	248	40086	4.684	ng/ul	98
69)	Hexachlorobenzene	16.598	284	46835	4.758	ng/ul#	88
72)	Phenanthrene	17.328	178	210935	4.757	ng/ul	98
74)	Anthracene	17.422	178	209501	4.709	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.340	216	65854	5.215	ng/uL	90
76)	Pentachlorobenzene	14.857	250	54021	4.715	ng/uL	92
78)	Di-n-butylphthalate	18.239	149	207321m	4.354	ng/ul	
80)	Fluoranthene	19.292	202	248225	4.514	ng/ul	96
82)	Pyrene	19.645	202	265646	4.629	ng/ul#	93
83)	Butylbenzylphthalate	20.516	149	93114	4.058	ng/ul#	79
85)	Benzo(a)anthracene	21.351	228	258233	4.634	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.274	149	135735	4.031	ng/ul#	83
87)	Chrysene	21.404	228	253357	4.623	ng/ul	98
90)	Benzo(b)fluoranthene	23.051	252	235314	4.340	ng/ul	98
91)	Benzo(k)fluoranthene	23.104	252	227270	4.410	ng/ul#	97
93)	Benzo(a)pyrene	23.686	252	226064	4.487	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.321	276	209741	4.425	ng/ul#	92
95)	Dibenzo(a,h)anthracene	26.339	278	180487m	4.415	ng/ul	
96)	Benzo(g,h,i)perylene	27.098	276	181410m	4.581	ng/ul	

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

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