Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034562.D
Acq On : 08 Apr 2022 15:27
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 08 18:20:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV017

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
04/11/2022
Supervised By :Yogesh Patel
04/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	109705	20.000	ng/ul	0.00
20) Naphthalene-d8	10.684	136	439432	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	255352	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	501454	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.442	240	488682	20.000	ng/ul	# 0.00
88) Perylene-d12	23.824	264	535704	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	23937	7.781	ng/uL	0.00
4) Pyridine-d5	3.678	84	142363	19.175	ng/ul	0.00
7) Phenol-d5	7.037	99	173070	18.954	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	120157	19.748	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	141953	20.111	ng/ul	0.00
15) 4-Methylphenol-d8	8.590	113	136268	19.105	ng/ul	0.00
21) Nitrobenzene-d5	9.037	128	68406	21.181	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	69786	20.755	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	130435	20.601	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	165176	18.910	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	372396	20.183	ng/ul	0.00
49) Acenaphthylene-d8	14.219	160	482596	20.350	ng/ul	0.00
54) 4-Nitrophenol-d4	14.719	143	48997	17.416	ng/ul	0.00
60) Fluorene-d10	15.513	176	321781	20.181	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	56233	18.369	ng/ul	0.00
73) Anthracene-d10	17.365	188	480993	20.119	ng/ul	0.00
81) Pyrene-d10	19.659	212	545663	20.458	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	530306	19.679	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	24773	7.997	ng/uL#	85
5) Pyridine	3.696	79	154569	19.053	ng/ul#	74
6) Benzaldehyde	7.007	77	117242	20.944	ng/ul	88
8) Phenol	7.066	94	174963	18.968	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.295	93	147343	19.793	ng/ul#	86
12) 2-Chlorophenol	7.437	128	147801	20.542	ng/ul#	88
13) 2-Methylphenol	8.325	108	131527	19.288	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.413	45	224137	20.138	ng/ul#	85
16) Acetophenone	8.701	105	218043	19.585	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.690	70	120344	20.308	ng/ul#	88
18) 4-Methylphenol	8.654	108	140574	19.378	ng/ul	99
19) Hexachloroethane	8.960	117	64783	20.018	ng/ul	81
22) Nitrobenzene	9.084	77	170538	20.143	ng/ul	92
23) Isophorone	9.613	82	303192	20.166	ng/ul#	93
25) 2-Nitrophenol	9.795	139	74548	20.700	ng/ul#	88
26) 2,4-Dimethylphenol	9.860	107	162805	20.366	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.095	93	185135	20.466	ng/ul	98
29) 2,4-Dichlorophenol	10.336	162	126166	20.190	ng/ul	97
30) Naphthalene	10.736	128	458071	20.023	ng/ul	99
32) 4-Chloroaniline	10.848	127	161374	18.441	ng/ul	100
33) Hexachlorobutadiene	11.031	225	88011	20.033	ng/ul	99
34) Caprolactam	11.613	113	38573m	19.001	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	133985	20.655	ng/ul	92
36) 2-Methylnaphthalene	12.354	142	293731	20.033	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	302754	20.127	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.725	216	154722	20.243	ng/ul#	97
40) Hexachlorocyclopentadiene	12.707	237	94661	18.873	ng/ul	96
41) 2,4,6-Trichlorophenol	12.960	196	93970	20.239	ng/ul	95
42) 2,4,5-Trichlorophenol	13.036	196	99022	20.581	ng/ul	99
43) 1,1'-Biphenyl	13.360	154	386350	19.973	ng/ul#	98
44) 2-Chloronaphthalene	13.401	162	300184	20.214	ng/ul	95
45) 2-Nitroaniline	13.607	65	83029	20.504	ng/ul	84
47) Dimethylphthalate	13.983	163	365569	20.133	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	73377	21.035	ng/ul	90
50) Acenaphthylene	14.248	152	493985	20.518	ng/ul	99
51) 3-Nitroaniline	14.430	138	57767	18.941	ng/ul	83
52) Acenaphthene	14.589	153	324653	20.254	ng/ul	100
53) 2,4-Dinitrophenol	14.636	184	29952	15.236	ng/ul#	80
55) 4-Nitrophenol	14.736	109	40592	16.896	ng/ul#	75
56) Dibenzofuran	14.924	168	442136	20.295	ng/ul	97
57) 2,4-Dinitrotoluene	14.889	165	98821	20.354	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.148	232	86228	20.412	ng/ul#	87
59) Diethylphthalate	15.342	149	375314	20.349	ng/ul	99
61) Fluorene	15.571	166	362541	19.724	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.566	204	176285	19.870	ng/ul	92
63) 4-Nitroaniline	15.589	138	51849m	19.307	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	58122	19.042	ng/ul#	86
67) N-Nitrosodiphenylamine	15.777	169	308053	20.619	ng/ul	99
68) 4-Bromophenyl-phenylether	16.460	248	105129m	20.281	ng/ul	
69) Hexachlorobenzene	16.577	284	125533	20.165	ng/ul#	91
70) Atrazine	16.730	200	109783	19.636	ng/ul	99
71) Pentachlorophenol	16.918	266	70873	18.593	ng/ul	98
72) Phenanthrene	17.307	178	562666	20.109	ng/ul	99
74) Anthracene	17.401	178	561098	20.237	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.325	216	160423	20.369	ng/uL	98
76) Pentachlorobenzene	14.848	250	148875	20.143	ng/uL	99
77) Carbazole	17.671	167	424704	18.516	ng/ul	98
78) Di-n-butylphthalate	18.236	149	596759	20.498	ng/ul	99
80) Fluoranthene	19.324	202	619821	20.999	ng/ul#	89
82) Pyrene	19.689	202	675948	21.069	ng/ul#	89
83) Butylbenzylphthalate	20.583	149	267805	21.322	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.365	252	177554	20.731	ng/ul#	98
85) Benzo(a)anthracene	21.430	228	581306	20.458	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.359	149	401910	21.381	ng/ul#	95
87) Chrysene	21.483	228	631325	20.605	ng/ul	100
89) Di-n-octyl phthalate	22.277	149	687180	19.268	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	630966	19.822	ng/ul#	97
91) Benzo(k)fluoranthene	23.147	252	661240	19.781	ng/ul#	97
93) Benzo(a)pyrene	23.718	252	623086	19.805	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.300	276	678738	20.160	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.318	278	525761	19.048	ng/ul#	97
96) Benzo(g,h,i)perylene	27.065	276	625096	19.343	ng/ul#	93

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

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