Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121222\
Data File : BM037966.D
Acq On : 12 Dec 2022 15:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020075

Quant Time: Dec 13 01:26:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	226853	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	945017	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	562833	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1014381	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	766824	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	820628	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	36408	7.287	ng/uL	0.00
4) Pyridine-d5	3.852	84	272736	18.402	ng/ul	0.00
7) Phenol-d5	7.228	99	343772	18.649	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.398	67	201668	17.966	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	293289	19.395	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	273820	19.029	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	146803	19.620	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	160041	20.411	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	297939	20.005	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	375301	18.255	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	783909	19.536	ng/ul	-0.01
49) Acenaphthylene-d8	14.404	160	950492	19.381	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	102048	14.922	ng/ul	0.00
60) Fluorene-d10	15.692	176	675467	18.894	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	89184	16.445	ng/ul	0.00
73) Anthracene-d10	17.545	188	906615	19.150	ng/ul	0.00
81) Pyrene-d10	19.827	212	891356	19.351	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	818812	19.977	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	35540	6.781	ng/uL	97
5) Pyridine	3.875	79	264387	17.750	ng/ul	97
6) Benzaldehyde	7.210	77	127647	18.514	ng/ul	95
8) Phenol	7.257	94	337347	18.247	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.493	93	276134	18.189	ng/ul	97
12) 2-Chlorophenol	7.634	128	301259	19.479	ng/ul	98
13) 2-Methylphenol	8.522	108	263762	18.643	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.610	45	485150	17.697	ng/ul	98
16) Acetophenone	8.910	105	435424	19.240	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	205784	19.302	ng/ul	99
18) 4-Methylphenol	8.851	108	289069	18.887	ng/ul	100
19) Hexachloroethane	9.163	117	118223	19.121	ng/ul	98
22) Nitrobenzene	9.292	77	322629	20.040	ng/ul	99
23) Isophorone	9.822	82	571686	19.378	ng/ul	98
25) 2-Nitrophenol	10.004	139	164622	20.026	ng/ul	95
26) 2,4-Dimethylphenol	10.057	107	315394	19.840	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.298	93	373729	19.057	ng/ul	99
29) 2,4-Dichlorophenol	10.539	162	289557	19.816	ng/ul	97
30) Naphthalene	10.945	128	993433	19.480	ng/ul	99
32) 4-Chloroaniline	11.057	127	372898	18.189	ng/ul	97
33) Hexachlorobutadiene	11.228	225	196369	20.428	ng/ul	99
34) Caprolactam	11.845	113	73223	19.535	ng/ul	90
35) 4-Chloro-3-methylphenol	12.169	107	262589	19.742	ng/ul	96
36) 2-Methylnaphthalene	12.545	142	643045	19.441	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	666356	19.702	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.910	216	363021	19.740	ng/ul	97
40) Hexachlorocyclopentadiene	12.886	237	100364	9.540	ng/ul	96
41) 2,4,6-Trichlorophenol	13.145	196	218802	19.533	ng/ul	97
42) 2,4,5-Trichlorophenol	13.216	196	232000	19.859	ng/ul	99
43) 1,1'-Biphenyl	13.545	154	867781	19.181	ng/ul	99
44) 2-Chloronaphthalene	13.586	162	674355	19.322	ng/ul	97
45) 2-Nitroaniline	13.792	65	163671	19.463	ng/ul	99
47) Dimethylphthalate	14.163	163	779196	19.682	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	152319	19.808	ng/ul	97
50) Acenaphthylene	14.427	152	1056274	19.588	ng/ul	99
51) 3-Nitroaniline	14.616	138	126682	16.512	ng/ul	99
52) Acenaphthene	14.769	153	722047	19.359	ng/ul	99
53) 2,4-Dinitrophenol	14.816	184	51289	13.592	ng/ul	91
55) 4-Nitrophenol	14.910	109	74020	16.413	ng/ul	97
56) Dibenzofuran	15.104	168	973592	19.119	ng/ul	98
57) 2,4-Dinitrotoluene	15.069	165	201783	19.376	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.327	232	190644	19.400	ng/ul	99
59) Diethylphthalate	15.516	149	776381	19.685	ng/ul	100
61) Fluorene	15.751	166	805913	19.406	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	405863	19.998	ng/ul	99
63) 4-Nitroaniline	15.769	138	108956	15.662	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.827	198	87141	16.597	ng/ul	97
67) N-Nitrosodiphenylamine	15.951	169	621269	20.304	ng/ul	99
68) 4-Bromophenyl-phenylether	16.633	248	230709	20.748	ng/ul	99
69) Hexachlorobenzene	16.751	284	277197	20.884	ng/ul	98
70) Atrazine	16.898	200	203149	19.428	ng/ul	97
71) Pentachlorophenol	17.092	266	130055	17.624	ng/ul	99
72) Phenanthrene	17.486	178	1065745	19.239	ng/ul	100
74) Anthracene	17.580	178	1083289	19.243	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	351343	21.425	ng/uL	100
76) Pentachlorobenzene	15.022	250	345147	21.247	ng/uL	99
77) Carbazole	17.845	167	871348	17.865	ng/ul	99
78) Di-n-butylphthalate	18.398	149	1180567	20.364	ng/ul	100
80) Fluoranthene	19.492	202	1058259	19.466	ng/ul	99
82) Pyrene	19.857	202	1095623	19.365	ng/ul	99
83) Butylbenzylphthalate	20.739	149	396817	18.862	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.533	252	274799	18.110	ng/ul	96
85) Benzo(a)anthracene	21.603	228	1014761	19.656	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.509	149	616536	20.144	ng/ul	97
87) Chrysene	21.656	228	948171	19.575	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	987297	18.776	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1016801	19.986	ng/ul	98
91) Benzo(k)fluoranthene	23.386	252	1004085	20.364	ng/ul	99
93) Benzo(a)pyrene	23.986	252	897146	20.053	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.691	276	1120526	19.447	ng/ul	98
95) Dibenzo(a,h)anthracene	26.709	278	956157	19.685	ng/ul	96
96) Benzo(g,h,i)perylene	27.491	276	920387	20.007	ng/ul	97

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

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