Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042924\
Data File : BN031304.D
Acq On : 29 Apr 2024 12:18
Operator : MA/JU
Sample : SSTD00544
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD005224

Quant Time: Apr 29 14:27:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 29 14:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	219249	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	998727	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	682956	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1387368	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	1037881	20.000	ng/ul	# 0.00
88) Perylene-d12	24.139	264	960746	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	9993	2.181	ng/uL	0.00
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	7.152	132	67061	5.051	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	8.775	128	34455	5.094	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	33808	5.261	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	70556	5.207	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.681	166	234288	5.324	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	263804	5.217	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.263	176	203025	5.295	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.116	188	304413	5.286	ng/ul	0.00
81) Pyrene-d10	19.422	212	332505	5.946	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	205130	4.794	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	11480	2.329	ng/uL	98
12) 2-Chlorophenol	7.181	128	73314	5.181	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.422	70	57966	5.050	ng/ul	96
19) Hexachloroethane	8.681	117	29963	5.069	ng/ul	96
22) Nitrobenzene	8.816	77	81645	4.955	ng/ul	99
23) Isophorone	9.334	82	161104	4.952	ng/ul	99
25) 2-Nitrophenol	9.522	139	39101	5.253	ng/ul	99
26) 2,4-Dimethylphenol	9.581	107	79108	4.939	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.822	93	107005	5.178	ng/ul	97
29) 2,4-Dichlorophenol	10.046	162	72022	5.226	ng/ul	98
30) Naphthalene	10.446	128	255230	5.175	ng/ul	99
33) Hexachlorobutadiene	10.722	225	44217	5.158	ng/ul	96
35) 4-Chloro-3-methylphenol	11.693	107	80513	5.202	ng/ul	97
36) 2-Methylnaphthalene	12.063	142	177499	5.171	ng/ul	92
37) 1-Methylnaphthalene	12.287	142	182184	5.220	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	90507	5.283	ng/ul	94
41) 2,4,6-Trichlorophenol	12.687	196	58847	5.448	ng/ul	95
42) 2,4,5-Trichlorophenol	12.757	196	65769	5.424	ng/ul	94
43) 1,1'-Biphenyl	13.093	154	238976	5.284	ng/ul	97
44) 2-Chloronaphthalene	13.134	162	189988	5.337	ng/ul	96
45) 2-Nitroaniline	13.351	65	46094	4.810	ng/ul	94
47) Dimethylphthalate	13.728	163	241585	5.312	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	39057	4.601	ng/ul	88
50) Acenaphthylene	13.987	152	310590	5.316	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.328	153	209236	5.373	ng/ul	98
56) Dibenzofuran	14.663	168	287567	5.322	ng/ul	99
57) 2,4-Dinitrotoluene	14.640	165	58314	4.703	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.892	232	52472	5.172	ng/ul#	93
59) Diethylphthalate	15.098	149	233598	5.065	ng/ul	98
61) Fluorene	15.316	166	240986	5.648	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.316	204	116881	5.593	ng/ul	92
67) N-Nitrosodiphenylamine	15.534	169	196499	5.391	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	67043	5.240	ng/ul	93
69) Hexachlorobenzene	16.316	284	79893	5.376	ng/ul	99
72) Phenanthrene	17.057	178	373271	5.440	ng/ul	99
74) Anthracene	17.145	178	368920	5.327	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.051	216	91383	5.474	ng/uL	92
76) Pentachlorobenzene	14.581	250	91796	5.455	ng/uL	97
78) Di-n-butylphthalate	17.992	149	385862	5.192	ng/ul	99
80) Fluoranthene	19.080	202	393337	5.899	ng/ul	97
82) Pyrene	19.445	202	418398	5.974	ng/ul	98
83) Butylbenzylphthalate	20.363	149	144505	5.328	ng/ul	97
85) Benzo(a)anthracene	21.239	228	335932	4.988	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.169	149	191926	4.941	ng/ul	100
87) Chrysene	21.292	228	319336	5.031	ng/ul	96
90) Benzo(b)fluoranthene	23.227	252	271461	4.950	ng/ul	97
91) Benzo(k)fluoranthene	23.286	252	283701	5.139	ng/ul	97
93) Benzo(a)pyrene	24.004	252	240619	4.680	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.374	276	286438	5.127	ng/ul	98
95) Dibenzo(a,h)anthracene	27.433	278	238988	5.078	ng/ul	96
96) Benzo(g,h,i)perylene	28.386	276	232819	5.279	ng/ul	97

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

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