Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032824\
Data File : BM044801.D
Acq On : 28 Mar 2024 19:49
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Mar 29 01:11:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:06:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	88992	20.000	ng		0.00
21) Naphthalene-d8	10.457	136	364243	20.000	ng		0.00
39) Acenaphthene-d10	14.321	164	201665	20.000	ng		0.00
64) Phenanthrene-d10	17.080	188	336696	20.000	ng		0.00
76) Chrysene-d12	21.274	240	208953	20.000	ng		0.00
86) Perylene-d12	23.515	264	253071	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	258425	41.590	ng		0.00
7) Phenol-d6	6.851	99	346148	42.947	ng		0.00
23) Nitrobenzene-d5	8.839	82	334813	41.438	ng		0.00
42) 2,4,6-Tribromophenol	15.821	330	92256	41.864	ng		0.00
45) 2-Fluorobiphenyl	12.933	172	639836	40.636	ng		0.00
79) Terphenyl-d14	19.721	244	555084	45.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	51129	20.821	ng		98
3) Pyridine	3.663	79	145214	21.044	ng		97
4) n-Nitrosodimethylamine	3.581	42	74677	20.626	ng		100
6) Aniline	7.016	93	199334	21.235	ng		98
8) 2-Chlorophenol	7.239	128	132976	21.128	ng		98
9) Benzaldehyde	6.839	77	97449	23.252	ng		99
10) Phenol	6.881	94	172160	21.634	ng		97
11) bis(2-Chloroethyl)ether	7.122	93	134023	21.395	ng		97
12) 1,3-Dichlorobenzene	7.563	146	138225	21.022	ng		100
13) 1,4-Dichlorobenzene	7.710	146	139823	20.927	ng		97
14) 1,2-Dichlorobenzene	8.022	146	134641	20.904	ng		99
15) Benzyl Alcohol	7.922	79	118536	21.533	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.210	45	203378	21.497	ng		98
17) 2-Methylphenol	8.122	107	120282	21.411	ng		97
18) Hexachloroethane	8.733	117	55541	21.322	ng		100
19) n-Nitroso-di-n-propyla...	8.486	70	108506	22.248	ng		98
20) 3+4-Methylphenols	8.445	107	165831	21.845	ng		98
22) Acetophenone	8.504	105	206591	20.913	ng	#	99
24) Nitrobenzene	8.881	77	164770	20.875	ng		98
25) Isophorone	9.398	82	281277	21.589	ng		100
26) 2-Nitrophenol	9.580	139	71321	20.500	ng		100
27) 2,4-Dimethylphenol	9.639	122	120642	21.121	ng		99
28) bis(2-Chloroethoxy)met...	9.886	93	174142	21.261	ng		99
29) 2,4-Dichlorophenol	10.110	162	115710	20.872	ng		98
30) 1,2,4-Trichlorobenzene	10.316	180	119966	20.564	ng		99
31) Naphthalene	10.504	128	417369	20.860	ng		99
32) Benzoic acid	9.757	122	86592	20.195	ng		97
33) 4-Chloroaniline	10.633	127	176616	21.417	ng		99
34) Hexachlorobutadiene	10.769	225	71659	20.689	ng		97
35) Caprolactam	11.422	113	35267	21.836	ng		98
36) 4-Chloro-3-methylphenol	11.751	107	126243	21.900	ng		97
37) 2-Methylnaphthalene	12.121	142	281338	21.428	ng		99
38) 1-Methylnaphthalene	12.345	142	261742	21.389	ng		98
40) 1,2,4,5-Tetrachloroben...	12.492	216	126076	19.989	ng		99
41) Hexachlorocyclopentadiene	12.457	237	66134	19.537	ng		98
43) 2,4,6-Trichlorophenol	12.745	196	85576	20.273	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	100393	20.651	ng	99
46) 1,1'-Biphenyl	13.151	154	335051	20.530	ng	99
47) 2-Chloronaphthalene	13.192	162	249127	20.294	ng	99
48) 2-Nitroaniline	13.410	65	88381	20.785	ng	98
49) Acenaphthylene	14.045	152	400869	20.603	ng	99
50) Dimethylphthalate	13.792	163	298843	21.075	ng	98
51) 2,6-Dinitrotoluene	13.916	165	64921	21.126	ng	97
52) Acenaphthene	14.386	154	237613	20.643	ng	97
53) 3-Nitroaniline	14.251	138	72378	20.676	ng	99
54) 2,4-Dinitrophenol	14.463	184	30570	20.956	ng	96
55) Dibenzofuran	14.721	168	376746	20.861	ng	99
56) 4-Nitrophenol	14.563	139	53041	19.688	ng	98
57) 2,4-Dinitrotoluene	14.710	165	79956	20.737	ng	96
58) Fluorene	15.374	166	289888	20.888	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.957	232	73654	21.233	ng	97
60) Diethylphthalate	15.162	149	277557	20.848	ng	98
61) 4-Chlorophenyl-phenyle...	15.380	204	137544	20.887	ng	98
62) 4-Nitroaniline	15.415	138	68953	20.511	ng	99
63) Azobenzene	15.668	77	311243	20.979	ng	98
65) 4,6-Dinitro-2-methylph...	15.474	198	40866	19.503	ng	98
66) n-Nitrosodiphenylamine	15.598	169	236120	21.155	ng	97
67) 4-Bromophenyl-phenylether	16.274	248	78448	21.283	ng	99
68) Hexachlorobenzene	16.374	284	83013	20.807	ng	99
69) Atrazine	16.557	200	64430	21.121	ng	96
70) Pentachlorophenol	16.727	266	54417	20.607	ng	97
71) Phenanthrene	17.121	178	391442	20.839	ng	100
72) Anthracene	17.209	178	395121	20.825	ng	99
73) Carbazole	17.492	167	344259	20.320	ng	100
74) Di-n-butylphthalate	18.062	149	367872	19.772	ng	99
75) Fluoranthene	19.145	202	369490	19.706	ng	98
77) Benzidine	19.350	184	91660	20.345	ng	99
78) Pyrene	19.509	202	377369	22.664	ng	99
80) Butylbenzylphthalate	20.427	149	129236	21.341	ng	98
81) Benzo(a)anthracene	21.262	228	303279	20.822	ng	100
82) 3,3'-Dichlorobenzidine	21.203	252	104257	20.642	ng	99
83) Chrysene	21.315	228	289498	20.738	ng	98
84) Bis(2-ethylhexyl)phtha...	21.203	149	168197	20.377	ng	98
85) Di-n-octyl phthalate	22.091	149	276335	19.784	ng	100
87) Indeno(1,2,3-cd)pyrene	25.774	276	395782	20.588	ng	99
88) Benzo(b)fluoranthene	22.838	252	290646	20.267	ng	98
89) Benzo(k)fluoranthene	22.886	252	301198	20.916	ng	99
90) Benzo(a)pyrene	23.415	252	298652	20.521	ng	98
91) Dibenzo(a,h)anthracene	25.785	278	326638	20.516	ng	99
92) Benzo(g,h,i)perylene	26.456	276	344268	20.783	ng	98

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

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