Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
Data File : BF134420.D
Acq On : 22 Jul 2023 13:56
Operator : CG\JU
Sample : 03668-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 22 15:09:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUMMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	62592	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	235408	20.000	ng	#	0.00
39) Acenaphthene-d10	9.880	164	124935	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	247473	20.000	ng		0.00
76) Chrysene-d12	14.039	240	184601	20.000	ng		0.00
86) Perylene-d12	15.545	264	163290	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	422101	112.806	ng		0.02
7) Phenol-d6	6.486	99	468211	101.747	ng		0.00
23) Nitrobenzene-d5	7.404	82	374095	85.663	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	208845	133.325	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	716950	83.433	ng		0.00
79) Terphenyl-d14	12.968	244	903348	78.757	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	51247	33.215	ng	#	78
3) Pyridine	3.563	79	98114	24.414	ng		92
4) n-Nitrosodimethylamine	3.493	42	85578	37.285	ng		95
6) Aniline	6.510	93	103297	18.447	ng	#	85
8) 2-Chlorophenol	6.628	128	159286	41.935	ng		98
9) Benzaldehyde	6.398	77	59765	20.686	ng		90
10) Phenol	6.498	94	167981	34.719	ng		91
11) bis(2-Chloroethyl)ether	6.575	93	141037	39.594	ng		96
12) 1,3-Dichlorobenzene	6.781	146	172250	42.536	ng		98
13) 1,4-Dichlorobenzene	6.857	146	176438	43.136	ng		99
14) 1,2-Dichlorobenzene	7.004	146	168691	44.037	ng		99
15) Benzyl Alcohol	6.986	79	151273	42.642	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	215083	34.130	ng		59
17) 2-Methylphenol	7.098	107	129158	37.972	ng		94
18) Hexachloroethane	7.345	117	73531	48.484	ng		97
19) n-Nitroso-di-n-propyla...	7.251	70	121902	41.772	ng		99
20) 3+4-Methylphenols	7.251	107	164570	39.882	ng		88
22) Acetophenone	7.251	105	251700	47.014	ng	#	93
24) Nitrobenzene	7.422	77	179540	40.684	ng		94
25) Isophorone	7.663	82	317831	40.045	ng		99
26) 2-Nitrophenol	7.739	139	89431	42.244	ng		97
27) 2,4-Dimethylphenol	7.781	122	141817	42.320	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	184630	40.175	ng		98
29) 2,4-Dichlorophenol	7.981	162	139328	41.929	ng		96
30) 1,2,4-Trichlorobenzene	8.063	180	149635	43.641	ng		99
31) Naphthalene	8.139	128	480020	42.215	ng		99
32) Benzoic acid	7.898	122	39415m	15.697	ng		
33) 4-Chloroaniline	8.192	127	33656	6.919	ng		97
34) Hexachlorobutadiene	8.251	225	99585	46.043	ng		99
35) Caprolactam	8.580	113	36521m	33.379	ng		
36) 4-Chloro-3-methylphenol	8.686	107	160754	43.063	ng		95
37) 2-Methylnaphthalene	8.833	142	345735	42.996	ng		100
38) 1-Methylnaphthalene	8.933	142	324894	43.462	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	156737	42.345	ng		98
41) Hexachlorocyclopentadiene	8.980	237	113714	64.757	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	98053	38.915	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	107114	36.140	ng		99
46) 1,1'-Biphenyl	9.298	154	407068	40.618	ng		97
47) 2-Chloronaphthalene	9.327	162	304390	41.512	ng		98
48) 2-Nitroaniline	9.427	65	103963	38.903	ng		97
49) Acenaphthylene	9.739	152	491927	39.273	ng		99
50) Dimethylphthalate	9.604	163	366767	40.442	ng		99
51) 2,6-Dinitrotoluene	9.669	165	80661	41.294	ng		90
52) Acenaphthene	9.916	154	300232	41.307	ng		97
53) 3-Nitroaniline	9.839	138	38963	16.627	ng	#	93
54) 2,4-Dinitrophenol	9.957	184	65126	58.808	ng		95
55) Dibenzofuran	10.086	168	450899	39.695	ng		96
56) 4-Nitrophenol	10.022	139	86437	52.733	ng		92
57) 2,4-Dinitrotoluene	10.080	165	108333	41.996	ng	#	86
58) Fluorene	10.433	166	370738	41.952	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	91151	38.988	ng		99
60) Diethylphthalate	10.304	149	383044	40.540	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	178561	41.927	ng		99
62) 4-Nitroaniline	10.463	138	81891m	34.676	ng		
63) Azobenzene	10.580	77	342098	38.276	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	51749	38.355	ng		98
66) n-Nitrosodiphenylamine	10.545	169	316255	39.998	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	108968	41.427	ng		97
68) Hexachlorobenzene	10.980	284	131970	47.254	ng		98
69) Atrazine	11.080	200	106833	48.847	ng		97
70) Pentachlorophenol	11.186	266	97057	58.123	ng		99
71) Phenanthrene	11.398	178	521035	41.823	ng		99
72) Anthracene	11.451	178	526661	40.644	ng		99
73) Carbazole	11.610	167	494213	41.669	ng		97
74) Di-n-butylphthalate	11.939	149	598649	42.444	ng		99
75) Fluoranthene	12.598	202	572727	42.524	ng		97
77) Benzidine	12.721	184	184405	41.982	ng		98
78) Pyrene	12.827	202	597199	34.762	ng		99
80) Butylbenzylphthalate	13.445	149	256947	39.879	ng		99
81) Benzo(a)anthracene	14.027	228	515135	40.237	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	101548	25.036	ng		99
83) Chrysene	14.068	228	472123	38.075	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	341711	46.155	ng		99
85) Di-n-octyl phthalate	14.627	149	522129	47.996	ng		97
87) Indeno(1,2,3-cd)pyrene	17.109	276	455117	40.167	ng	#	94
88) Benzo(b)fluoranthene	15.104	252	425311m	44.296	ng		
89) Benzo(k)fluoranthene	15.133	252	421926	43.160	ng		98
90) Benzo(a)pyrene	15.486	252	365504	39.367	ng	#	97
91) Dibenzo(a,h)anthracene	17.121	278	378685	40.918	ng	#	96
92) Benzo(g,h,i)perylene	17.580	276	367434	38.499	ng	#	95

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

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