Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
Data File : BN031335.D
Acq On : 01 May 2024 00:31
Operator : MA/JU
Sample : PB160530BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS530

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/01/2024
Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 01:07:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 30 23:30:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	242973	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	1067003	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	690739	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.016	188	1375265	20.000	ng/ul	0.00
79) Chrysene-d12	21.251	240	911482	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	963774	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	36435	6.981	ng/uL	0.00
4) Pyridine-d5	3.540	84	602962	40.346	ng/ul	0.00
7) Phenol-d5	6.793	99	753834	38.555	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	412030	35.992	ng/ul	0.00
11) 2-Chlorophenol-d4	7.146	132	584223	37.350	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	617805	38.130	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	298710	38.845	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	327936	39.624	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	613211	39.900	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	127617	5.730	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	1779983	39.088	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	2018416	38.200	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	333069	40.302	ng/ul	0.00
60) Fluorene-d10	15.257	176	1478223	38.013	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.393	200	294012	41.573	ng/ul	0.00
73) Anthracene-d10	17.116	188	2156759	38.000	ng/ul	0.00
81) Pyrene-d10	19.416	212	2263115	40.768	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	1753001	39.288	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	74120	13.049	ng/uL	92
5) Pyridine	3.558	79	530451	35.332	ng/ul	96
6) Benzaldehyde	6.769	77	131478	13.393	ng/ul	97
8) Phenol	6.822	94	763147	38.404	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.052	93	581199	36.129	ng/ul	96
12) 2-Chlorophenol	7.181	128	604219	37.153	ng/ul	97
13) 2-Methylphenol	8.058	108	579574	37.554	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	748665	35.270	ng/ul	99
16) Acetophenone	8.440	105	875625	36.347	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.428	70	440968	34.864	ng/ul	99
18) 4-Methylphenol	8.393	108	635346	37.612	ng/ul	98
19) Hexachloroethane	8.675	117	238560	36.254	ng/ul	99
22) Nitrobenzene	8.816	77	678050	37.578	ng/ul	99
23) Isophorone	9.340	82	1256386	35.682	ng/ul	100
25) 2-Nitrophenol	9.516	139	353588	39.162	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	673644	39.692	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.822	93	810341	36.589	ng/ul	100
29) 2,4-Dichlorophenol	10.046	162	598492	39.445	ng/ul	97
30) Naphthalene	10.446	128	1948831	37.167	ng/ul	99
32) 4-Chloroaniline	10.563	127	223062	10.460	ng/ul	99
33) Hexachlorobutadiene	10.716	225	343518	38.301	ng/ul	99
34) Caprolactam	11.357	113	211211m	38.969	ng/ul	
35) 4-Chloro-3-methylphenol	11.699	107	689916	39.588	ng/ul	99
36) 2-Methylnaphthalene	12.063	142	1369737	37.677	ng/ul	92

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Quant Title : SVOA CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.287	142	1349868	36.707	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.434	216	679170	38.096	ng/ul	99
40)	Hexachlorocyclopentadiene	12.404	237	357188	35.793	ng/ul	95
41)	2,4,6-Trichlorophenol	12.687	196	467980	38.182	ng/ul	94
42)	2,4,5-Trichlorophenol	12.757	196	518751	38.809	ng/ul	98
43)	1,1'-Biphenyl	13.093	154	1770947	37.748	ng/ul	99
44)	2-Chloronaphthalene	13.128	162	1377772	37.185	ng/ul	96
45)	2-Nitroaniline	13.351	65	424341	40.432	ng/ul	98
47)	Dimethylphthalate	13.728	163	1802917	38.640	ng/ul	100
48)	2,6-Dinitrotoluene	13.857	165	381766	41.932	ng/ul	94
50)	Acenaphthylene	13.987	152	2287141	38.038	ng/ul	99
51)	3-Nitroaniline	14.181	138	178909	18.246	ng/ul	99
52)	Acenaphthene	14.328	153	1509581	37.846	ng/ul	99
53)	2,4-Dinitrophenol	14.393	184	197981	38.052	ng/ul	87
55)	4-Nitrophenol	14.498	109	261670	39.547	ng/ul	99
56)	Dibenzofuran	14.663	168	2031286	37.503	ng/ul	98
57)	2,4-Dinitrotoluene	14.645	165	546243	40.909	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	14.893	232	426311	38.157	ng/ul	92
59)	Diethylphthalate	15.098	149	1831644	38.950	ng/ul	99
61)	Fluorene	15.316	166	1621726	37.555	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.316	204	768045	36.870	ng/ul	96
63)	4-Nitroaniline	15.351	138	310247	34.556	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.404	198	304155	40.121	ng/ul	99
67)	N-Nitrosodiphenylamine	15.534	169	1251147	34.240	ng/ul	95
68)	4-Bromophenyl-phenylether	16.210	248	512974	39.871	ng/ul	97
69)	Hexachlorobenzene	16.310	284	576301	38.843	ng/ul	98
70)	Atrazine	16.487	200	106706	8.990	ng/ul	97
71)	Pentachlorophenol	16.663	266	362982	40.408	ng/ul	93
72)	Phenanthrene	17.057	178	2612109	38.379	ng/ul	98
74)	Anthracene	17.151	178	2590788	38.065	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.051	216	683173	39.218	ng/uL	98
76)	Pentachlorobenzene	14.581	250	653617	38.260	ng/uL	98
77)	Carbazole	17.428	167	2214512	37.251	ng/ul	100
78)	Di-n-butylphthalate	17.992	149	2987153	38.775	ng/ul	100
80)	Fluoranthene	19.081	202	2768324	41.600	ng/ul	99
82)	Pyrene	19.445	202	2773886	40.861	ng/ul	100
83)	Butylbenzylphthalate	20.357	149	1174442	41.409	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.169	252	41085	2.519	ng/ul	98
85)	Benzo(a)anthracene	21.233	228	2348694	39.484	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.163	149	1552111	41.594	ng/ul	100
87)	Chrysene	21.292	228	2164914	38.844	ng/ul	96
89)	Di-n-octyl phthalate	22.257	149	2430820	34.041	ng/ul	100
90)	Benzo(b)fluoranthene	23.221	252	2134345	36.543	ng/ul	96
91)	Benzo(k)fluoranthene	23.286	252	2120689	36.920	ng/ul	99
93)	Benzo(a)pyrene	24.004	252	2044077	39.129	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.380	276	2507645	42.366	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.433	278	2087411	42.454	ng/ul	99
96)	Benzo(g,h,i)perylene	28.386	276	2079329	43.552	ng/ul	98

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

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